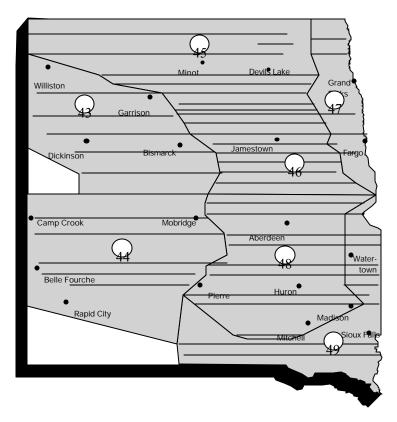
WATERFOWL BREEDING POPULATION SURVEY FOR

2006

SOUTH DAKOTA AND NORTH DAKOTA





TITLE: Waterfowl Breeding Population and Habitat Survey for South and

North Dakota

STRATA SURVEYED: 44, 48, 49 (South Dakota)

43, 45, 46, 47 (North Dakota)

<u>DATES</u>: 1 - 6 May 2006 (43 and 44)

6 - 25 May 2006 (45, 46, 47, 48, and 49)

<u>DATA SUPPLIED BY</u>: United States Fish and Wildlife Service

South Dakota Game, Fish, and Parks Department

Strata 45, 46, 47, 48, 49

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Strata 43 and 44

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ABSTRACT: The 2006 Waterfowl Breeding Ground and Habitat Survey for Eastern South and North Dakota was conducted 6 - 25 May using standard aerial coverage. Personnel changes in the eastern Dakotas occurred only in the ground crew. Wetland counts increased compared to 2005 in South Dakota (63%) but were similar to last year in North Dakota (7%). Compared to long-term averages, wetland indices were unchanged in both states (South Dakota 2%, North Dakota 10%). The majority of habitat conditions in the crew area were poor or fair. Limited supplies of good conditions were encountered in both states and one small area, considered excellent, was confined to extreme south eastern North Dakota and extreme north eastern South Dakota. The estimated waterfowl breeding population in South Dakota (2.144 million) was 35% above the 2005 index, -34% from the recent ten-year average, and similar to the long-term mean. In North Dakota, the waterfowl breeding population (3.931 million) was similar to last year, 25% below the ten-year average, and 33% above the long-term mean. The waterfowl production potential in the Dakotas in 2006 will be highly dependent on June weather patterns, but overall we expect production to be average or below average.

Selected information for 2006 is presented below:

South Dakota

	2006 Indices		Percent Change From					
	(thousands)	<u>2005</u>	1996-2005 mean	1959-2005 mean				
Mallard	707.3	48%	-18%	48%				
Gadwall	281.7	NC	-42%	20%				
Blue-winged Teal	710.5	38%	-42%	-14%				
Northern Pintail	124.7	73%	-30%	-41%				
Redhead	28.3	196%	-38%	-38%				
Canvasback	6.3	32%	NC	NC				
Total Ducks	2143.6	35%	-34%	NC				
May Ponds	531.5	63%	-21%	NC				

	2006 Indices		Percent Change From				
	(thousands)	<u>2005</u>	1996-2005 mean	1959-2005 mean			
Mallard	1247.5	16%	NC%	98%			
Gadwall	496.1	NC	-40%	28%			
Blue-winged Teal	1082.2	14%	-34%	22%			
Northern Pintail	215.8	NC	-27%	-35%			
Redhead	114.3	NC	-46%	-16%			
Canvasback	28.4	NC	-33%	NC			
Total Ducks	3930.8	NC	-25%	33%			
May Ponds	811.5	NC	-14%	NC			

<u>METHODS</u>: The procedures followed in conducting the survey are described in the <u>Standard Operating Procedures for Aerial Breeding Ground and Habitat Surveys in North America</u>, Section III, revised 1987. There were no changes in survey coverage and all transects were flown (Tables 3 and 6).

Personnel changes in 2006 occurred only in the ground crew. From the USFWS Region 6, Bart McDermott and Diana Whittington joined forces to assist leader Kammie Kruse with all ground operations. Mark Grovijahn, a Resource Biologist with South Dakota Game, Fish, and Parks Department, provided additional assistance conducting 2 air/ground segments. Air crew personnel were unchanged since 2004. Crewmembers participated in pre-survey training/review sessions relating to air and ground procedures.

Visibility Correction Factors (VCF's) in the crew area are calculated using observations collected from 17 air/ground comparison segments. Comparison segments in the survey unit are co-located with operational segments and all were completed. The VCF for wetlands, established by comparison of air and ground observations, was 1.08. Wetland counts and all other data are considered comparable to all years when VCF's were determined.

Aerial sampling was accomplished from a wheeled Cessna 185. The survey required about 67 hours of flight time including reconnaissance. Aerial crews continued to utilize on-board computers and the Hodges program to capture geo-referenced waterfowl and wetland observations. This year marked the first utilization in the crew area of the moving map portion of the data recording program. Surveying commenced 6 May in the eastern Dakotas and was completed on the 25th. Once the survey was initiated, 5 days were forfeited to adverse weather or duty time limitations. Information from Stratum 43 and 44 was collected 1 - 6 May by the Montana survey crew led by Flyway Biologist Ray Bentley. Our appreciation is extended to that crew for their efforts and contributions of data and habitat information from the Western Dakotas.

<u>WEATHER AND HABITAT CONDITIONS</u>: According to the U.S. Drought Monitor, South Dakota entered the fall of 2005 with the western half of the state being abnormally dry. October

and November temperatures were near normal. Significant rain events occurred in the eastern part of the state the last week in November when Huron received 4.69 inches of precipitation and various other locations in the eastern half of the state received amounts ranging from 2.5 - 3 inches. December brought in colder than normal temperatures. The below average temperatures didn't last and any frost seal that may have been present in wetland basins disappeared. By the end of the calendar year only the reporting stations of Aberdeen and Rapid City were below normal for precipitation and had received 95% and 88% of normal, respectively. Huron and Sioux Falls areas received over 5 inches above normal for the same period and ended the year 24% and 28% above normal precipitation. Most areas in South Dakota were within 5% of normal precipitation for the year. The new year brought slightly drier periods to the Aberdeen area, receiving only 3 inches of precipitation by the start of the survey, (85% of normal) and the Huron area received 2.69 inches (62% of normal). Temperatures remained near to slightly above normal until a warm stretch in April provided temperatures 8-10 degrees above normal. The warm April triggered and encouraged vegetation development and by the start of our survey, cool season grasses and tree leaves were well advanced (2-3) weeks ahead of "normal". As a result of a huge low-pressure system parked over the Great Lakes region, temperatures were 2 to 5 degrees below normal in South Dakota during the first half of May. Generally, only minor amounts of precipitation were received during this period but because of the cool temperatures, wetland conditions were somewhat stable. Summer like temperatures presided for the remainder of May and with the common prairie winds, wetland levels continued to lower.

The north eastern corner of the South Dakota crew area (particularly the northern end of the Prairie Coteau) had the most "winter" of any area of the state and precipitation in the form of rain continued into the spring. Habitat conditions in this region are mostly good with a small sliver of excellent conditions in the extreme north eastern portion. The east central and south eastern third, and to some extent, the remainder of the southern quarter of the South Dakota crew area had less winter snow but received fair to good spring rains. As a result, waterfowl breeding habitat in most of the eastern 2/3's of the South Dakota Crew area improved since last year and is now considered fair to good. Generally, the western third of South Dakota, east of the Missouri River resembles the poor conditions of last year. In areas considered poor, no temporary or seasonal water exists. Numerous semi-permanent wetlands are now dry and those that have water are highly receded. Permanent wetlands and dugouts were typically in various stages of recession. In fair areas, no temporary water and only the occasional seasonal wetlands occurred. Most semi-permanent and permanent basins contained water and were somewhat receded. In the good areas, temporary water was scarce but pockets of seasonal water were encountered. The more persistent basins, including dugouts, were nearly full in most cases. The small area of excellent in the north east corner of the state brought back memories of the 1990's with water everywhere.

Nesting cover was variable. In the eastern uplands, warm April temperatures encouraged early stands of nesting cover. Moving westward onto the drift plain, the overall drier conditions permitted agricultural interests to plow close to or through many dry basins. Generally, upland nesting cover was adequate in the east with supplies diminishing to the west. The same pattern occurred for wetland emergent vegetation where supplies diminished as one moved from east to west and wetlands became more degraded.

Stratum 44 – Wetland counts in west river South Dakota increased 79% since last year. The 2006 index was slightly above the ten-year average (13%) and 27% above the long-term average. Habitat along the eastern edge of the stratum was considered poor by the Montana crew. The majority of the remainder of the stratum was classed fair with a small area of good in the west central and north west regions.

<u>Stratum 48</u> – Slight improvements in general habitat conditions occurred in Stratum 48 compared to 2005. Although much of central (fair) and western (poor) portions of the drift prairie remain depressed, winter and spring precipitation provided some improvement to habitat in the south central (fair) and eastern (good) portions. The 2006 wetland index was 56% above the 2005 figure, but fell short of the ten-year (-41%) and long-term (-18%) averages.

Stratum 49 —In Stratum 49, the wetland index increased 54% since last year. The wetland count in 2006 was 13% below the ten-year mean and similar to the long-term average. Habitat conditions improved modestly since last year in all areas except the south western border region.

North Dakota entered into the fall with many areas 25% above normal for rainfall. September and October brought minor precipitation to the state, although Jamestown received 3 inches and a rogue blizzard in early October in central regions suggested that a "real" winter was in store. Albeit, temperatures for the September/October period averaged above normal (4-5 degrees). November was a warm dry month, with above average temperatures and below normal precipitation. December started with a cold snap that had temperatures 10 to 15 degrees below normal but was back up to 20 degrees above normal by the end of the month. Bismarck and Fargo areas were the only areas to receive above average precipitation for the month. Williston and portions of the North West were the only areas not receiving normal precipitation for 2005. 2006 began like 2005 ended, warm and dry. A cold front lowered temperatures during the second week but these conditions were short lived. The remainder of January and February was as much as 17 degrees above normal. This warm period did not bring rain and no area in North Dakota received 1 inch of precipitation through February. Overall, the most persistent winter conditions and the most consistent precipitation was received in the northern tier of counties from the Turtle Mountains east to the Minnesota border and south, basically encompassing stratum 47. March weather offered little improvement as temperatures continued above normal and precipitation was minimal. April saw normal to slightly above average temperatures and little rain. One major system delivered heavy amounts of rain (over 2 inches) to western portions of North Dakota. Other areas in the state received less than 1 inch. At survey start the poorest habitat conditions were generally around Bismarck and essentially all portions of the coteau slope, west of the Missouri Coteau. Also considered poor was an area in the central portion of stratum 45. Most of the remainder of the drift prairie was considered (marginally) fair. Good conditions were observed along the northern tier of counties from the Turtle Mountains eastward and in a relatively small zone running north east and south east from Devils Lake. Another area of good to excellent conditions occurred in the extreme south eastern portion of North Dakota and was a northern extension of conditions in South Dakota.

As in South Dakota, warm April temperatures in North Dakota encouraged earlier than normal vegetation development. Nesting cover was generally considered at least adequate in areas considered fair or better. Wetland conditions in the four habitat categories were similar to those described in South Dakota.

NORTH DAKOTA (St. 43: 4 - 6 May, St. 45, 46, 47: 13 - 25 May)

<u>Stratum 43</u> – Water counts in Stratum 43 were 32% below 2005 levels but similar to both the ten-year (-10%) and long-term (7%) averages. General habitat conditions in the stratum were fair overall with the exception of the eastern fringe, which was poor.

Stratum 45 – The wetland index was unchanged in Stratum 45 since last year (10%). The 2006 index was 16% below the ten-year average and similar to the long-term mean (5%). We considered habitat conditions relatively good in the northern tier of counties from about the Turtle Mountains east to the stratum 47 border. From here, a narrow swath of good habitat carried south west to Devils Lake and then south east for about 40 miles. The remaining 80% of the stratum was considered fair to poor.

<u>Stratum 46</u> – Stratum 46 posted a 29% increase in water since last year. Although 19% below the ten-year average, the 2006 wetland index was 14% above the long-term figure. The moisture gradient in stratum 46 followed this year's "typical" pattern of wetter in the east and drier in the west. A small area of excellent to good conditions presided in the extreme south eastern portion of the stratum but generally, the western 2/3 of the stratum was classed as fair or poor.

<u>Stratum 47</u> – Wetland conditions in Stratum 47 in 2006 increased 71% since last year. The 2006 index was above the ten-year (26%) and long-term (80%) averages, as well. The southern 1/3 of the stratum was an extension of the good/excellent portion from South Dakota. The balance of stratum 47 was considered fair due more to lack of quality nesting cover rather than water conditions in the remaining intact basins.

<u>BREEDING POPULATION ESTIMATES</u>: The 2006 total breeding waterfowl estimate for South Dakota is 2.144 million birds. The estimate increased 35% since 2005, was 34% lower than the ten-year average and unchanged from the long-term average (Table 1).

Dabbling ducks exhibited a trend nearly identical to total ducks where the 2006 index was 34% above last year, 34% below the ten-year average and unchanged compared to the long-term mean. Three species of dabbling ducks were below long-term averages (Blue-winged teal -14%, Northern Shoveler -27%, and Northern Pintail -41%) while the remainder of the dabbler group was similar to or above the long-term comparison.

The total estimate for diving ducks in 2006 increased 69% since last year and was primarily a result of the Ruddy Duck index. All diving duck estimates were at or below their respective long-term averages except Ruddy Ducks (26%).

The 2006 breeding population estimate for American coot increased 86% since last year but

remained well below the ten-year (-77%) and long-term (-68%) averages. The Canada goose estimate increased slightly compared to last year (12%), was similar to the ten-year average (6%), but remained well above the long term mean (234%).

In North Dakota, the 2006 total breeding population estimate is 3.931 million birds. The 2006 estimate was similar to the 2005 level (7%), 25% below the ten-year average, but remained above (33%) the long-term mean (Table 4).

As in South Dakota, the dabbling duck group heavily influenced the trend of total ducks and provided similar changes. Dabbling duck estimates for North Dakota in 2006 were 7%, -24%, and 35% compared to last year, the ten-year, and long-term time comparisons. Breeding presence varied by species compared to last year but all dabblers except pintails (-35%) were significantly above long-term averages.

North Dakota diving duck totals were unchanged (6%) since 2005. Only redhead (-16%) and ring-necked ducks (-31%, small sample) fell short of their long-term averages.

American coots rebounded 23% since last year but remained well below the ten-year (-85%) and long-term (-73%) averages. Canada goose estimates were similar to or above all three time comparisons (-3%, 70%, and 544%).

<u>CONCLUSIONS</u>: As a result of the mild spring, plant phenology was 2 – 3 weeks more advanced than in 2005. The vegetation development caused some initial concern relating to bird detection and visibility correction factors. With the recessional stages of most wetlands, the birds were quite visible and our concerns were quickly alleviated. Visibility correction factors, derived from air/ground comparison segments, were of reasonable values. Drake to pair ratios also indicated breeding activities further advanced than last year but during the survey no anomalies, in terms of flocked or grouped birds, were noted. We believe our survey timing was later than last year, but acceptable.

Wetland counts in North Dakota were unchanged since 2005 and near the long-term average. In South Dakota, the wetland index increased 63% compared to last year but was unchanged compared to the long-term average. Generally, nesting cover in the region was adequate. But, because remaining permanent and semi-permanent wetlands were in recessional stages and temporary and seasonal water was absent from most of the landscape, we considered overall habitat conditions below average. By mid-June, weather patterns (warmer and drier than normal) had not been conducive to habitat maintenance, much less improvements. Of near future concern are the large number of CRP contracts which will expire in 2007 and the intense interest in the production of bio-fuels and the potential conversion of many acres to corn and soy beans.

Waterfowl breeding populations generally showed greater increases since last year in South Dakota compared to those in North Dakota. This general trend corresponds with this years wetland counts in the two states. Compared to long-term averages, breeding waterfowl in North Dakota are generally at higher levels and nearly all above long-term averages. In South Dakota, long-term comparisons are more variable and more values are below long-term figures.

Considering average May wetland counts in both states and deteriorating conditions in June, an average breeding population in South Dakota but an above average BPOP in North Dakota, we expect waterfowl production in 2006 will be below average in South Dakota and about average in North Dakota.

John W. Solberg and Mike Rich June 2006

Table 1. Status of waterfowl breeding population estimates (thousands, adjusted for visibility bias) by species and stratum with comparisons against the previous year, the previous 10-year mean, and the long-term mean (from 1959) for South Dakota.

		Stratum	(2006)			% Change From				
							Long-Term		10-Year	Long-Term
Species/Ponds	44	48	49 20	006 Total	2005 Total 10	2005 Total 10-Year Mean		2005	Mean	Mean
Ducks										
Dabblers										
Mallard	172.0	352.7	182.6	707.3	478.5	865.5	478.7	47.80%	-18.3%	47.7%
Am. black duck	0.0	0.0	0.0	0.0	0.0	0.0	0.0			-100.0%
Gadwall	56.1	175.1	50.5	281.7	282.3	485.7	234.5	-0.20%	-42.0%	20.1%
Am. wigeon	29.8	10.1	9.0	48.8	31.4	48.1	38.8	55.40%	1.5%	25.9%
Am. green-winged teal	9.4	20.8	0.0	30.1	49.4	45.8	30.0	-39.00%	-34.2%	0.4%
Blue-winged teal	99.1	360.4	251.0	710.5	514.2	1218.9	829.9	38.20%	-41.7%	-14.4%
N. shoveler	29.6	84.0	22.9	136.5	99.7	250.5	186.3	36.90%	-45.5%	-26.7%
N. pintail	43.8	66.2	14.7	124.7	72.2	179.4	210.4	72.70%	-30.5%	-40.7%
Subtotal	439.6	1069.3	530.7	2039.6	1527.7	3093.8	2008.6	33.50%	-34.1%	1.5%
Divers										
Redhead	0.0	25.6	2.7	28.3	9.6	45.6	46.1	196.50%	-37.9%	-38.5%
Canvasback	0.0	3.9	2.3	6.3	4.7	6.1	6.3	32.30%	2.9%	-0.6%
Scaups	1.9	14.5	8.0	24.3	30.3	56.5	43.2	-19.70%	-57.0%	-43.8%
Ring-necked duck	2.6	0.9	1.4	5.0	6.1	12.4	8.2	-18.50%	-59.9%	-39.6%
Goldeneyes	0.0	0.0	0.0	0.0	0.0	0.1	0.3		-100.0%	-100.0%
Bufflehead	0.0	0.0	0.0	0.0	1.0	1.2	1.5	-100.00%	-100.0%	-100.0%
Ruddy Duck	3.3	34.2	1.8	39.3	9.5	38.0	31.3	313.40%	3.3%	25.5%
Subtotal	7.8	79.1	16.2	103.1	61.2	159.9	136.9	68.60%	-35.5%	-24.7%
Miscellaneous										
Long-tailed duck	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
Eiders	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
Scoters	0.0	0.0	0.0	0.0	0.0	0.0	0.0			-100.0%
Mergansers	0.5	0.3	0.0	0.9	0.0	2.6	1.5		-65.9%	-43.6%
Subtotal	0.5	0.3	0.0	0.9	0.0	2.6	1.6		-65.9%	-44.8%
Total Ducks	448.0	1148.7	546.9	2143.6	1588.9	3256.2	2147.1	34.90%	-34.2%	-0.2%
Canada Goose	22.4	77.3	21.2	121.0	108.2	114.3	36.3	11.80%	5.9%	233.5%
Am. coot	1.8	19.2	39.6	60.5	32.6	262.8	191.0	86.00%	-77.0%	-68.3%
Ponds	187.9	201.2	142.5	531.5	326.5	671.6	523.6	62.80%	-20.9%	1.5%

Table 2. Long-term trend in adjusted May pond estimates (thousands) by stratum with comparisons against the previous year, the previous 10-year mean, and the long-term mean (from 1974) for South Dakota. Estimates prior to 1974 were not adjusted for visibility bias.

	Str	atum (2006)			
/ear	44	48	49	Total	
961	33.1	48.1	34.2	115.4	
962	69.5	152.3	95.7	317.4	
963	80.2	142.2	106.9	329.3	
964	62.0	79.3	56.8	198.0	
965	84.5	100.3	53.0	237.8	
966	94.5	143.6	79.7	317.8	
967	90.2	132.4	66.5	289.0	
968	71.8	146.0	61.1	278.9	
969	156.5	263.5	111.6	531.6	
970	161.3	183.3	58.9	403.4	
971	146.4	132.7	85.4	364.4	
972	205.5	263.8	108.1	577.4	
973	153.4	126.1	82.4	362.0	
974	68.0	186.0	125.4	379.4	
975	151.0	236.4	108.3	495.7	
976	92.9	121.8	93.1	307.8	
977	84.7	114.5	73.0	272.3	
978	212.3	307.4	131.5	651.2	
979	82.0	214.6	148.6	445.3	
980	66.8	108.4	88.3	263.5	
981	64.3	58.8	40.0	163.0	
982	148.1	176.7	73.7	398.4	
983	104.3	189.4	142.6	436.4	
984	142.8	262.4	189.4	594.6	
985	116.7	183.8	124.4	425.0	
986	216.7	260.5	132.2	609.4	
987	194.9	216.4	105.9	517.3	
988	92.5	99.9	114.4	306.8	
989	195.4	222.0	86.7	504.1	
990	124.0	79.4	56.7	260.0	
991	106.5	113.1	69.5	289.1	
992	107.5	96.8	61.6	265.8	
993	141.1	334.7	225.0	700.7	
994	281.1	356.5	180.9	818.4	
995	279.4	458.2	195.9	933.4	
996	324.4	418.2	172.2	914.8	
997	278.8	478.8	167.5	925.1	
998	195.3	337.8	162.0	695.1	
999	157.4	618.1	249.4	1025.0	
000	161.3	324.7	141.6	627.6	
001	105.3	562.9	320.9	989.1	
002	85.9	204.1	143.8	433.9	
003	111.9	240.7	121.4	473.9	
004	140.8	100.1	64.3	305.2	
005	105.2	129.0	92.4	326.5	
006	187.9	201.2	142.5	531.5	
,	107.9	201.2	142.3	ر.1رر	
)-year Mean	166.6	341.4	163.5	671.6	
o-year Mean	148.1	244.1	131.3	523.6	
ong-term wican	140.1	∠ +4 .1	131.3	525.0	
ercent Change:					
From 2005	78.6%	56.0%	54.2%	62.8%	
From 10-year Mean	12.7%	-41.1%	-12.9%	-20.9%	
From Long-term Mean	26.8%	-17.6%	8.5%	1.5%	

Table 3. Survey design for South Dakota, May 2006.

		Stratum		
	44	48	49	Total
Survey design				
Square miles in stratum	27,299	24,587	15,830	67,716
Square miles in sample	216	315	171	702
Linear miles in sample Number of transects in sample	864 5	1,260 9	684 11	2,808 25
Number of segments in sample	48	70	38	156
Expansion factor	126.3842	78.05396	92.57309	
Current year coverage	216	315	171	702
Square miles in sample Linear miles in sample	864	1,260	684	2,808
Number of transects in sample	5	9	11	25
Number of segments in sample	48	70	38	156
Expansion factor	126.3842	78.05396	92.57309	

 $Appendix\ 1.\ Long\ -term\ trend\ in\ adjusted\ waterfowl\ breeding\ population\ estimates\ (thousands)\ in\ South\ Dakota.$

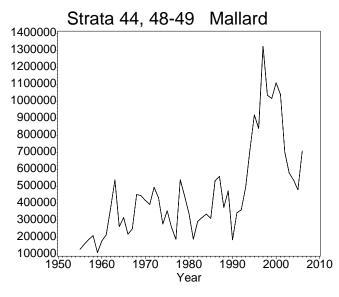
Species/Ponds	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968
Ducks										
Dabblers										
Mallard	108.2	176.6	212.1	367.3	535.8	261.1	314.5	216.3	248.2	450.7
Am. black duck	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gadwall	0.0	9.9	18.9	73.9	164.0	53.6	115.4	112.9	75.1	197.8
Am. wigeon	7.1	9.6	6.1	8.1	3.1	4.4	0.0	9.6	29.7	22.6
Am. green-winged teal	0.0	0.0	2.7	10.0	2.7	0.0	0.0	7.7	9.6	23.5
Blue-winged teal	413.1	524.5	673.8	602.5	1201.5	686.3	703.6	623.9	313.7	466.1
N. shoveler	38.4	156.3	96.4	335.5	225.4	95.7	90.2	108.3	82.2	150.6
N. pintail	25.5	305.7	175.4	557.8	221.6	108.8	128.9	228.9	186.6	129.1
Subtotal Divers	592.3	1182.5	1185.3	1955.1	2354.1	1209.9	1352.6	1307.7	945.1	1440.2
Redhead	0.0	30.1	14.3	56.4	50.5	50.4	56.4	56.7	20.1	33.4
Canvasback	2.8	1.4	2.8	2.2	2.6	5.0	2.0	6.1	3.5	2.6
Scaups	13.6	18.3	8.1	32.9	11.0	1.4	29.2	29.7	11.2	22.3
Ring-necked duck	0.0	0.0	0.0	0.0	1.0	0.0	0.0	1.4	1.1	0.0
Goldeneyes	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Bufflehead	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.9	0.0
Ruddy Duck	0.0	10.7	3.6	11.8	5.6	1.4	1.9	5.6	0.0	8.9
Subtotal	16.4	60.5	28.8	103.4	70.7	58.1	89.5	100.0	36.8	67.2
Miscellaneous										
Long-tailed duck	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Eiders	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Scoters	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Mergansers	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	0.0	0.0
Subtotal	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	0.0	0.0
Total Ducks	608.7	1243.0	1214.2	2058.5	2424.9	1268.1	1442.0	1409.0	982.0	1507.4
Canada Goose	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.3	0.9	0.0
Am. coot	31.1	40.4	29.3	61.0	21.0	53.4	19.3	33.8	28.0	75.7
Ponds										
Species/Ponds	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978
Ducks										
Dabblers										
Mallard	443.3	415.2	392.0	493.0	432.6	276.5	354.3	256.2	186.8	537.3
	TTJ.J					0.0	0.0			
Am. black duck	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Am. black duck Gadwall				0.0 192.1	0.0 149.9	85.5	126.4	0.0 44.6	0.0 31.4	0.0 233.6
	0.0	0.0	0.0							
Gadwall	0.0 243.8	0.0 214.5	0.0 162.2	192.1	149.9	85.5 16.3 19.1	126.4	44.6	31.4 29.2 9.8	233.6
Gadwall Am. wigeon	0.0 243.8 30.7	0.0 214.5 21.4	0.0 162.2 19.0 25.4 654.3	192.1 99.1 42.6 1209.0	149.9 43.7	85.5 16.3 19.1 348.8	126.4 42.7 37.4 437.2	44.6 56.6	31.4 29.2	233.6 92.7
Gadwall Am. wigeon Am. green-winged teal Blue-winged teal N. shoveler	0.0 243.8 30.7 29.0 742.2 195.7	0.0 214.5 21.4 115.1 706.8 260.3	0.0 162.2 19.0 25.4 654.3 103.2	192.1 99.1 42.6 1209.0 330.9	149.9 43.7 29.6 777.1 110.6	85.5 16.3 19.1 348.8 51.1	126.4 42.7 37.4 437.2 92.9	44.6 56.6 31.1	31.4 29.2 9.8 318.9 58.6	233.6 92.7 38.5 1287.3 419.1
Gadwall Am. wigeon Am. green-winged teal Blue-winged teal N. shoveler N. pintail	0.0 243.8 30.7 29.0 742.2 195.7 396.6	0.0 214.5 21.4 115.1 706.8 260.3 333.3	0.0 162.2 19.0 25.4 654.3 103.2 247.8	192.1 99.1 42.6 1209.0 330.9 395.4	149.9 43.7 29.6 777.1 110.6 275.1	85.5 16.3 19.1 348.8 51.1 99.1	126.4 42.7 37.4 437.2 92.9 218.2	44.6 56.6 31.1 351.7 56.5 111.7	31.4 29.2 9.8 318.9 58.6 130.8	233.6 92.7 38.5 1287.3 419.1 678.4
Gadwall Am. wigeon Am. green-winged teal Blue-winged teal N. shoveler N. pintail Subtotal	0.0 243.8 30.7 29.0 742.2 195.7	0.0 214.5 21.4 115.1 706.8 260.3	0.0 162.2 19.0 25.4 654.3 103.2	192.1 99.1 42.6 1209.0 330.9	149.9 43.7 29.6 777.1 110.6	85.5 16.3 19.1 348.8 51.1	126.4 42.7 37.4 437.2 92.9	44.6 56.6 31.1 351.7 56.5	31.4 29.2 9.8 318.9 58.6	233.6 92.7 38.5 1287.3 419.1
Gadwall Am. wigeon Am. green-winged teal Blue-winged teal N. shoveler N. pintail Subtotal Divers	0.0 243.8 30.7 29.0 742.2 195.7 396.6 2081.2	0.0 214.5 21.4 115.1 706.8 260.3 333.3 2066.8	0.0 162.2 19.0 25.4 654.3 103.2 247.8 1603.9	192.1 99.1 42.6 1209.0 330.9 395.4 2762.1	149.9 43.7 29.6 777.1 110.6 275.1 1818.6	85.5 16.3 19.1 348.8 51.1 99.1 896.5	126.4 42.7 37.4 437.2 92.9 218.2 1309.0	44.6 56.6 31.1 351.7 56.5 111.7 908.4	31.4 29.2 9.8 318.9 58.6 130.8 765.5	233.6 92.7 38.5 1287.3 419.1 678.4 3287.0
Gadwall Am. wigeon Am. green-winged teal Blue-winged teal N. shoveler N. pintail Subtotal Divers Redhead	0.0 243.8 30.7 29.0 742.2 195.7 396.6 2081.2	0.0 214.5 21.4 115.1 706.8 260.3 333.3 2066.8	0.0 162.2 19.0 25.4 654.3 103.2 247.8 1603.9	192.1 99.1 42.6 1209.0 330.9 395.4 2762.1	149.9 43.7 29.6 777.1 110.6 275.1 1818.6	85.5 16.3 19.1 348.8 51.1 99.1 896.5	126.4 42.7 37.4 437.2 92.9 218.2 1309.0	44.6 56.6 31.1 351.7 56.5 111.7 908.4	31.4 29.2 9.8 318.9 58.6 130.8 765.5	233.6 92.7 38.5 1287.3 419.1 678.4 3287.0
Gadwall Am. wigeon Am. green-winged teal Blue-winged teal N. shoveler N. pintail Subtotal Divers Redhead Canvasback	0.0 243.8 30.7 29.0 742.2 195.7 396.6 2081.2 87.8 17.9	0.0 214.5 21.4 115.1 706.8 260.3 333.3 2066.8 53.6 6.1	0.0 162.2 19.0 25.4 654.3 103.2 247.8 1603.9 60.7 2.8	192.1 99.1 42.6 1209.0 330.9 395.4 2762.1 48.6 14.2	149.9 43.7 29.6 777.1 110.6 275.1 1818.6 34.6 13.1	85.5 16.3 19.1 348.8 51.1 99.1 896.5	126.4 42.7 37.4 437.2 92.9 218.2 1309.0 27.3 5.6	44.6 56.6 31.1 351.7 56.5 111.7 908.4 4.1 3.1	31.4 29.2 9.8 318.9 58.6 130.8 765.5	233.6 92.7 38.5 1287.3 419.1 678.4 3287.0 144.4 12.3
Gadwall Am. wigeon Am. green-winged teal Blue-winged teal N. shoveler N. pintail Subtotal Divers Redhead Canvasback Scaups	0.0 243.8 30.7 29.0 742.2 195.7 396.6 2081.2 87.8 17.9 12.1	0.0 214.5 21.4 115.1 706.8 260.3 333.3 2066.8 53.6 6.1 74.4	0.0 162.2 19.0 25.4 654.3 103.2 247.8 1603.9 60.7 2.8 7.3	192.1 99.1 42.6 1209.0 330.9 395.4 2762.1 48.6 14.2 41.1	149.9 43.7 29.6 777.1 110.6 275.1 1818.6 34.6 13.1 19.2	85.5 16.3 19.1 348.8 51.1 99.1 896.5 20.2 6.4 13.0	126.4 42.7 37.4 437.2 92.9 218.2 1309.0 27.3 5.6 12.7	44.6 56.6 31.1 351.7 56.5 111.7 908.4 4.1 3.1 45.3	31.4 29.2 9.8 318.9 58.6 130.8 765.5	233.6 92.7 38.5 1287.3 419.1 678.4 3287.0 144.4 12.3 73.7
Gadwall Am. wigeon Am. green-winged teal Blue-winged teal N. shoveler N. pintail Subtotal Divers Redhead Canvasback Scaups Ring-necked duck	0.0 243.8 30.7 29.0 742.2 195.7 396.6 2081.2 87.8 17.9 12.1 0.0	0.0 214.5 21.4 115.1 706.8 260.3 333.3 2066.8 53.6 6.1 74.4 1.1	0.0 162.2 19.0 25.4 654.3 103.2 247.8 1603.9 60.7 2.8 7.3 0.5	192.1 99.1 42.6 1209.0 330.9 395.4 2762.1 48.6 14.2 41.1 0.0	149.9 43.7 29.6 777.1 110.6 275.1 1818.6 34.6 13.1 19.2 0.0	85.5 16.3 19.1 348.8 51.1 99.1 896.5 20.2 6.4 13.0 0.0	126.4 42.7 37.4 437.2 92.9 218.2 1309.0 27.3 5.6 12.7 0.0	44.6 56.6 31.1 351.7 56.5 111.7 908.4 4.1 3.1 45.3 0.3	31.4 29.2 9.8 318.9 58.6 130.8 765.5 10.8 3.0 16.4 0.4	233.6 92.7 38.5 1287.3 419.1 678.4 3287.0 144.4 12.3 73.7 1.4
Gadwall Am. wigeon Am. green-winged teal Blue-winged teal N. shoveler N. pintail Subtotal Divers Redhead Canvasback Scaups Ring-necked duck Goldeneyes	0.0 243.8 30.7 29.0 742.2 195.7 396.6 2081.2 87.8 17.9 12.1 0.0 0.0	0.0 214.5 21.4 115.1 706.8 260.3 333.3 2066.8 53.6 6.1 74.4 1.1 0.0	0.0 162.2 19.0 25.4 654.3 103.2 247.8 1603.9 60.7 2.8 7.3 0.5 0.0	192.1 99.1 42.6 1209.0 330.9 395.4 2762.1 48.6 14.2 41.1 0.0 1.2	149.9 43.7 29.6 777.1 110.6 275.1 1818.6 34.6 13.1 19.2 0.0 0.0	85.5 16.3 19.1 348.8 51.1 99.1 896.5 20.2 6.4 13.0 0.0	126.4 42.7 37.4 437.2 92.9 218.2 1309.0 27.3 5.6 12.7 0.0 0.0	44.6 56.6 31.1 351.7 56.5 111.7 908.4 4.1 3.1 45.3 0.3 0.0	31.4 29.2 9.8 318.9 58.6 130.8 765.5 10.8 3.0 16.4 0.4	233.6 92.7 38.5 1287.3 419.1 678.4 3287.0 144.4 12.3 73.7 1.4 1.0
Gadwall Am. wigeon Am. green-winged teal Blue-winged teal N. shoveler N. pintail Subtotal Divers Redhead Canvasback Scaups Ring-necked duck Goldeneyes Bufflehead	0.0 243.8 30.7 29.0 742.2 195.7 396.6 2081.2 87.8 17.9 12.1 0.0 0.0	0.0 214.5 21.4 115.1 706.8 260.3 333.3 2066.8 53.6 6.1 74.4 1.1 0.0 0.0	0.0 162.2 19.0 25.4 654.3 103.2 247.8 1603.9 60.7 2.8 7.3 0.5 0.0	192.1 99.1 42.6 1209.0 330.9 395.4 2762.1 48.6 14.2 41.1 0.0 1.2 1.5	149.9 43.7 29.6 777.1 110.6 275.1 1818.6 34.6 13.1 19.2 0.0 0.0 0.0	85.5 16.3 19.1 348.8 51.1 99.1 896.5 20.2 6.4 13.0 0.0 0.0	126.4 42.7 37.4 437.2 92.9 218.2 1309.0 27.3 5.6 12.7 0.0 0.0 0.0	44.6 56.6 31.1 351.7 56.5 111.7 908.4 4.1 3.1 45.3 0.3 0.0 0.0	31.4 29.2 9.8 318.9 58.6 130.8 765.5 10.8 3.0 16.4 0.4 0.0	233.6 92.7 38.5 1287.3 419.1 678.4 3287.0 144.4 12.3 73.7 1.4 1.0 0.5
Gadwall Am. wigeon Am. green-winged teal Blue-winged teal N. shoveler N. pintail Subtotal Divers Redhead Canvasback Scaups Ring-necked duck Goldeneyes Bufflehead Ruddy Duck	0.0 243.8 30.7 29.0 742.2 195.7 396.6 2081.2 87.8 17.9 12.1 0.0 0.0 0.0 7.0	0.0 214.5 21.4 115.1 706.8 260.3 333.3 2066.8 53.6 6.1 74.4 1.1 0.0 0.0 39.3	0.0 162.2 19.0 25.4 654.3 103.2 247.8 1603.9 60.7 2.8 7.3 0.5 0.0 0.0 27.7	192.1 99.1 42.6 1209.0 330.9 395.4 2762.1 48.6 14.2 41.1 0.0 1.2 1.5 30.1	149.9 43.7 29.6 777.1 110.6 275.1 1818.6 34.6 13.1 19.2 0.0 0.0 0.0 18.6	85.5 16.3 19.1 348.8 51.1 99.1 896.5 20.2 6.4 13.0 0.0 0.0 0.5 23.2	126.4 42.7 37.4 437.2 92.9 218.2 1309.0 27.3 5.6 12.7 0.0 0.0 0.0 209.7	44.6 56.6 31.1 351.7 56.5 111.7 908.4 4.1 3.1 45.3 0.3 0.0 0.0 6.2	31.4 29.2 9.8 318.9 58.6 130.8 765.5 10.8 3.0 16.4 0.4 0.0 0.0 5.8	233.6 92.7 38.5 1287.3 419.1 678.4 3287.0 144.4 12.3 73.7 1.4 1.0 0.5 28.7
Gadwall Am. wigeon Am. green-winged teal Blue-winged teal N. shoveler N. pintail Subtotal Divers Redhead Canvasback Scaups Ring-necked duck Goldeneyes Bufflehead Ruddy Duck Subtotal	0.0 243.8 30.7 29.0 742.2 195.7 396.6 2081.2 87.8 17.9 12.1 0.0 0.0	0.0 214.5 21.4 115.1 706.8 260.3 333.3 2066.8 53.6 6.1 74.4 1.1 0.0 0.0	0.0 162.2 19.0 25.4 654.3 103.2 247.8 1603.9 60.7 2.8 7.3 0.5 0.0	192.1 99.1 42.6 1209.0 330.9 395.4 2762.1 48.6 14.2 41.1 0.0 1.2 1.5	149.9 43.7 29.6 777.1 110.6 275.1 1818.6 34.6 13.1 19.2 0.0 0.0 0.0	85.5 16.3 19.1 348.8 51.1 99.1 896.5 20.2 6.4 13.0 0.0 0.0	126.4 42.7 37.4 437.2 92.9 218.2 1309.0 27.3 5.6 12.7 0.0 0.0 0.0	44.6 56.6 31.1 351.7 56.5 111.7 908.4 4.1 3.1 45.3 0.3 0.0 0.0	31.4 29.2 9.8 318.9 58.6 130.8 765.5 10.8 3.0 16.4 0.4 0.0	233.6 92.7 38.5 1287.3 419.1 678.4 3287.0 144.4 12.3 73.7 1.4 1.0 0.5
Gadwall Am. wigeon Am. green-winged teal Blue-winged teal N. shoveler N. pintail Subtotal Divers Redhead Canvasback Scaups Ring-necked duck Goldeneyes Bufflehead Ruddy Duck Subtotal Miscellaneous	0.0 243.8 30.7 29.0 742.2 195.7 396.6 2081.2 87.8 17.9 12.1 0.0 0.0 7.0	0.0 214.5 21.4 115.1 706.8 260.3 333.3 2066.8 53.6 6.1 74.4 1.1 0.0 0.0 39.3 174.5	0.0 162.2 19.0 25.4 654.3 103.2 247.8 1603.9 60.7 2.8 7.3 0.5 0.0 0.0 27.7 99.0	192.1 99.1 42.6 1209.0 330.9 395.4 2762.1 48.6 14.2 41.1 0.0 1.2 1.5 30.1 136.6	149.9 43.7 29.6 777.1 110.6 275.1 1818.6 34.6 13.1 19.2 0.0 0.0 0.0 18.6 85.5	85.5 16.3 19.1 348.8 51.1 99.1 896.5 20.2 6.4 13.0 0.0 0.0 0.5 23.2 63.2	126.4 42.7 37.4 437.2 92.9 218.2 1309.0 27.3 5.6 12.7 0.0 0.0 0.0 209.7 255.4	44.6 56.6 31.1 351.7 56.5 111.7 908.4 4.1 3.1 45.3 0.3 0.0 0.0 6.2 59.0	31.4 29.2 9.8 318.9 58.6 130.8 765.5 10.8 3.0 16.4 0.4 0.0 0.0 5.8 36.4	233.6 92.7 38.5 1287.3 419.1 678.4 3287.0 144.4 12.3 73.7 1.4 1.0 0.5 28.7 261.9
Gadwall Am. wigeon Am. green-winged teal Blue-winged teal N. shoveler N. pintail Subtotal Divers Redhead Canvasback Scaups Ring-necked duck Goldeneyes Bufflehead Ruddy Duck Subtotal Miscellaneous Long-tailed duck	0.0 243.8 30.7 29.0 742.2 195.7 396.6 2081.2 87.8 17.9 12.1 0.0 0.0 7.0 124.8	0.0 214.5 21.4 115.1 706.8 260.3 333.3 2066.8 53.6 6.1 74.4 1.1 0.0 0.0 39.3 174.5	0.0 162.2 19.0 25.4 654.3 103.2 247.8 1603.9 60.7 2.8 7.3 0.5 0.0 0.0 27.7 99.0	192.1 99.1 42.6 1209.0 330.9 395.4 2762.1 48.6 14.2 41.1 0.0 1.2 1.5 30.1 136.6	149.9 43.7 29.6 777.1 110.6 275.1 1818.6 34.6 13.1 19.2 0.0 0.0 0.0 18.6 85.5	85.5 16.3 19.1 348.8 51.1 99.1 896.5 20.2 6.4 13.0 0.0 0.0 0.5 23.2 63.2	126.4 42.7 37.4 437.2 92.9 218.2 1309.0 27.3 5.6 12.7 0.0 0.0 0.0 209.7 255.4	44.6 56.6 31.1 351.7 56.5 111.7 908.4 4.1 3.1 45.3 0.3 0.0 0.0 6.2 59.0	31.4 29.2 9.8 318.9 58.6 130.8 765.5 10.8 3.0 16.4 0.4 0.0 0.0 5.8 36.4	233.6 92.7 38.5 1287.3 419.1 678.4 3287.0 144.4 12.3 73.7 1.4 1.0 0.5 28.7 261.9
Gadwall Am. wigeon Am. green-winged teal Blue-winged teal N. shoveler N. pintail Subtotal Divers Redhead Canvasback Scaups Ring-necked duck Goldeneyes Bufflehead Ruddy Duck Subtotal Miscellaneous Long-tailed duck Eiders	0.0 243.8 30.7 29.0 742.2 195.7 396.6 2081.2 87.8 17.9 12.1 0.0 0.0 7.0 124.8	0.0 214.5 21.4 115.1 706.8 260.3 333.3 2066.8 53.6 6.1 74.4 1.1 0.0 0.0 39.3 174.5	0.0 162.2 19.0 25.4 654.3 103.2 247.8 1603.9 60.7 2.8 7.3 0.5 0.0 0.0 27.7 99.0	192.1 99.1 42.6 1209.0 330.9 395.4 2762.1 48.6 14.2 41.1 0.0 1.2 1.5 30.1 136.6	149.9 43.7 29.6 777.1 110.6 275.1 1818.6 34.6 13.1 19.2 0.0 0.0 0.0 18.6 85.5	85.5 16.3 19.1 348.8 51.1 99.1 896.5 20.2 6.4 13.0 0.0 0.5 23.2 63.2	126.4 42.7 37.4 437.2 92.9 218.2 1309.0 27.3 5.6 12.7 0.0 0.0 209.7 255.4 0.0 0.0	44.6 56.6 31.1 351.7 56.5 111.7 908.4 4.1 3.1 45.3 0.3 0.0 0.0 6.2 59.0	31.4 29.2 9.8 318.9 58.6 130.8 765.5 10.8 3.0 16.4 0.4 0.0 0.0 5.8 36.4	233.6 92.7 38.5 1287.3 419.1 678.4 3287.0 144.4 12.3 73.7 1.4 1.0 0.5 28.7 261.9
Gadwall Am. wigeon Am. green-winged teal Blue-winged teal N. shoveler N. pintail Subtotal Divers Redhead Canvasback Scaups Ring-necked duck Goldeneyes Bufflehead Ruddy Duck Subtotal Miscellaneous Long-tailed duck Eiders Scoters	0.0 243.8 30.7 29.0 742.2 195.7 396.6 2081.2 87.8 17.9 12.1 0.0 0.0 7.0 124.8 0.0 0.0 0.0	0.0 214.5 21.4 115.1 706.8 260.3 333.3 2066.8 53.6 6.1 74.4 1.1 0.0 0.0 39.3 174.5	0.0 162.2 19.0 25.4 654.3 103.2 247.8 1603.9 60.7 2.8 7.3 0.5 0.0 0.0 27.7 99.0	192.1 99.1 42.6 1209.0 330.9 395.4 2762.1 48.6 14.2 41.1 0.0 1.2 1.5 30.1 136.6 0.0 0.0	149.9 43.7 29.6 777.1 110.6 275.1 1818.6 34.6 13.1 19.2 0.0 0.0 0.0 18.6 85.5	85.5 16.3 19.1 348.8 51.1 99.1 896.5 20.2 6.4 13.0 0.0 0.5 23.2 63.2 0.0 0.0	126.4 42.7 37.4 437.2 92.9 218.2 1309.0 27.3 5.6 12.7 0.0 0.0 209.7 255.4 0.0 0.0	44.6 56.6 31.1 351.7 56.5 111.7 908.4 4.1 3.1 45.3 0.0 0.0 6.2 59.0 0.0 0.0 0.0	31.4 29.2 9.8 318.9 58.6 130.8 765.5 10.8 3.0 16.4 0.4 0.0 0.0 5.8 36.4	233.6 92.7 38.5 1287.3 419.1 678.4 3287.0 144.4 12.3 73.7 1.4 1.0 0.5 28.7 261.9 0.0 0.0
Gadwall Am. wigeon Am. green-winged teal Blue-winged teal N. shoveler N. pintail Subtotal Divers Redhead Canvasback Scaups Ring-necked duck Goldeneyes Bufflehead Ruddy Duck Subtotal Miscellaneous Long-tailed duck Eiders Scoters Mergansers	0.0 243.8 30.7 29.0 742.2 195.7 396.6 2081.2 87.8 17.9 12.1 0.0 0.0 7.0 124.8 0.0 0.0 0.0 0.0 0.0 0.0	0.0 214.5 21.4 115.1 706.8 260.3 333.3 2066.8 53.6 6.1 74.4 1.1 0.0 0.0 39.3 174.5 0.0 0.0	0.0 162.2 19.0 25.4 654.3 103.2 247.8 1603.9 60.7 2.8 7.3 0.5 0.0 0.0 27.7 99.0 0.0 0.0 0.0	192.1 99.1 42.6 1209.0 330.9 395.4 2762.1 48.6 14.2 41.1 0.0 1.2 1.5 30.1 136.6 0.0 0.0	149.9 43.7 29.6 777.1 110.6 275.1 1818.6 34.6 13.1 19.2 0.0 0.0 18.6 85.5 0.0 0.0 0.0 0.0	85.5 16.3 19.1 348.8 51.1 99.1 896.5 20.2 6.4 13.0 0.0 0.5 23.2 63.2 0.0 0.0 0.0	126.4 42.7 37.4 437.2 92.9 218.2 1309.0 27.3 5.6 12.7 0.0 0.0 209.7 255.4 0.0 0.0 0.0	44.6 56.6 31.1 351.7 56.5 111.7 908.4 4.1 3.1 45.3 0.0 0.0 6.2 59.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	31.4 29.2 9.8 318.9 58.6 130.8 765.5 10.8 3.0 16.4 0.0 0.0 5.8 36.4	233.6 92.7 38.5 1287.3 419.1 678.4 3287.0 144.4 12.3 73.7 1.4 1.0 0.5 28.7 261.9 0.0 0.0
Gadwall Am. wigeon Am. green-winged teal Blue-winged teal N. shoveler N. pintail Subtotal Divers Redhead Canvasback Scaups Ring-necked duck Goldeneyes Bufflehead Ruddy Duck Subtotal Miscellaneous Long-tailed duck Eiders Scoters Mergansers Subtotal	0.0 243.8 30.7 29.0 742.2 195.7 396.6 2081.2 87.8 17.9 12.1 0.0 0.0 7.0 124.8 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 214.5 21.4 115.1 706.8 260.3 333.3 2066.8 53.6 6.1 74.4 1.1 0.0 0.0 39.3 174.5 0.0 0.0 0.0	0.0 162.2 19.0 25.4 654.3 103.2 247.8 1603.9 60.7 2.8 7.3 0.5 0.0 0.0 27.7 99.0 0.0 0.0 0.0 0.0	192.1 99.1 42.6 1209.0 330.9 395.4 2762.1 48.6 14.2 41.1 0.0 1.2 1.5 30.1 136.6 0.0 0.0 0.0	149.9 43.7 29.6 777.1 110.6 275.1 1818.6 34.6 13.1 19.2 0.0 0.0 18.6 85.5 0.0 0.0 0.8 0.8	85.5 16.3 19.1 348.8 51.1 99.1 896.5 20.2 6.4 13.0 0.0 0.5 23.2 63.2 0.0 0.0 0.0	126.4 42.7 37.4 437.2 92.9 218.2 1309.0 27.3 5.6 12.7 0.0 0.0 209.7 255.4 0.0 0.0 0.0 0.0 0.0 0.0	44.6 56.6 31.1 351.7 56.5 111.7 908.4 4.1 3.1 45.3 0.0 0.0 6.2 59.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	31.4 29.2 9.8 318.9 58.6 130.8 765.5 10.8 3.0 16.4 0.0 0.0 5.8 36.4 0.0 0.0 0.0 0.0	233.6 92.7 38.5 1287.3 419.1 678.4 3287.0 144.4 12.3 73.7 1.4 1.0 0.5 28.7 261.9 0.0 0.0 0.0
Gadwall Am. wigeon Am. green-winged teal Blue-winged teal N. shoveler N. pintail Subtotal Divers Redhead Canvasback Scaups Ring-necked duck Goldeneyes Bufflehead Ruddy Duck Subtotal Miscellaneous Long-tailed duck Eiders Scoters Mergansers Subtotal Total Ducks	0.0 243.8 30.7 29.0 742.2 195.7 396.6 2081.2 87.8 17.9 12.1 0.0 0.0 7.0 124.8 0.0 0.0 0.0 0.0 0.0 0.0 0.0 2206.0	0.0 214.5 21.4 115.1 706.8 260.3 333.3 2066.8 53.6 6.1 74.4 1.1 0.0 0.0 39.3 174.5 0.0 0.0 0.0 0.0 0.0	0.0 162.2 19.0 25.4 654.3 103.2 247.8 1603.9 60.7 2.8 7.3 0.5 0.0 0.0 27.7 99.0 0.0 0.0 0.0 0.0 1702.9	192.1 99.1 42.6 1209.0 330.9 395.4 2762.1 48.6 14.2 41.1 0.0 1.2 1.5 30.1 136.6 0.0 0.0 0.0 0.0 0.0	149.9 43.7 29.6 777.1 110.6 275.1 1818.6 34.6 13.1 19.2 0.0 0.0 18.6 85.5 0.0 0.0 0.8 0.8 1904.9	85.5 16.3 19.1 348.8 51.1 99.1 896.5 20.2 6.4 13.0 0.0 0.5 23.2 63.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	126.4 42.7 37.4 437.2 92.9 218.2 1309.0 27.3 5.6 12.7 0.0 0.0 209.7 255.4 0.0 0.0 0.0 0.0 0.0 0.0 1564.4	44.6 56.6 31.1 351.7 56.5 111.7 908.4 4.1 3.1 45.3 0.0 0.0 6.2 59.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	31.4 29.2 9.8 318.9 58.6 130.8 765.5 10.8 3.0 16.4 0.0 0.0 5.8 36.4 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	233.6 92.7 38.5 1287.3 419.1 678.4 3287.0 144.4 12.3 73.7 1.4 1.0 0.5 28.7 261.9 0.0 0.0 0.0 0.0 0.0 3548.9
Gadwall Am. wigeon Am. green-winged teal Blue-winged teal N. shoveler N. pintail Subtotal Divers Redhead Canvasback Scaups Ring-necked duck Goldeneyes Bufflehead Ruddy Duck Subtotal Miscellaneous Long-tailed duck Eiders Scoters Mergansers Subtotal Total Ducks Canada Goose	0.0 243.8 30.7 29.0 742.2 195.7 396.6 2081.2 87.8 17.9 12.1 0.0 0.0 7.0 124.8 0.0 0.0 0.0 0.0 0.0 0.0 2206.0 8.2	0.0 214.5 21.4 115.1 706.8 260.3 333.3 2066.8 53.6 6.1 74.4 1.1 0.0 0.0 39.3 174.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 162.2 19.0 25.4 654.3 103.2 247.8 1603.9 60.7 2.8 7.3 0.5 0.0 0.0 27.7 99.0 0.0 0.0 0.0 1702.9 2.1	192.1 99.1 42.6 1209.0 330.9 395.4 2762.1 48.6 14.2 41.1 0.0 1.2 1.5 30.1 136.6 0.0 0.0 0.0 0.0 0.0 2898.7 3.4	149.9 43.7 29.6 777.1 110.6 275.1 1818.6 34.6 13.1 19.2 0.0 0.0 18.6 85.5 0.0 0.0 0.8 0.8 1904.9 6.4	85.5 16.3 19.1 348.8 51.1 99.1 896.5 20.2 6.4 13.0 0.0 0.5 23.2 63.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 7.0 0.0 0.0	126.4 42.7 37.4 437.2 92.9 218.2 1309.0 27.3 5.6 12.7 0.0 0.0 209.7 255.4 0.0 0.0 0.0 0.0 0.0 1564.4 1.9	44.6 56.6 31.1 351.7 56.5 111.7 908.4 4.1 3.1 45.3 0.0 0.0 6.2 59.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	31.4 29.2 9.8 318.9 58.6 130.8 765.5 10.8 3.0 16.4 0.0 0.0 5.8 36.4 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	233.6 92.7 38.5 1287.3 419.1 678.4 3287.0 144.4 12.3 73.7 1.4 1.0 0.5 28.7 261.9 0.0 0.0 0.0 0.0 3548.9 7.2
Gadwall Am. wigeon Am. green-winged teal Blue-winged teal N. shoveler N. pintail Subtotal Divers Redhead Canvasback Scaups Ring-necked duck Goldeneyes Bufflehead Ruddy Duck Subtotal Miscellaneous Long-tailed duck Eiders Scoters Mergansers Subtotal Total Ducks	0.0 243.8 30.7 29.0 742.2 195.7 396.6 2081.2 87.8 17.9 12.1 0.0 0.0 7.0 124.8 0.0 0.0 0.0 0.0 0.0 0.0 0.0 2206.0	0.0 214.5 21.4 115.1 706.8 260.3 333.3 2066.8 53.6 6.1 74.4 1.1 0.0 0.0 39.3 174.5 0.0 0.0 0.0 0.0 0.0	0.0 162.2 19.0 25.4 654.3 103.2 247.8 1603.9 60.7 2.8 7.3 0.5 0.0 0.0 27.7 99.0 0.0 0.0 0.0 0.0 1702.9	192.1 99.1 42.6 1209.0 330.9 395.4 2762.1 48.6 14.2 41.1 0.0 1.2 1.5 30.1 136.6 0.0 0.0 0.0 0.0 0.0	149.9 43.7 29.6 777.1 110.6 275.1 1818.6 34.6 13.1 19.2 0.0 0.0 18.6 85.5 0.0 0.0 0.8 0.8 1904.9	85.5 16.3 19.1 348.8 51.1 99.1 896.5 20.2 6.4 13.0 0.0 0.5 23.2 63.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	126.4 42.7 37.4 437.2 92.9 218.2 1309.0 27.3 5.6 12.7 0.0 0.0 209.7 255.4 0.0 0.0 0.0 0.0 0.0 0.0 1564.4	44.6 56.6 31.1 351.7 56.5 111.7 908.4 4.1 3.1 45.3 0.0 0.0 6.2 59.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	31.4 29.2 9.8 318.9 58.6 130.8 765.5 10.8 3.0 16.4 0.0 0.0 5.8 36.4 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	233.6 92.7 38.5 1287.3 419.1 678.4 3287.0 144.4 12.3 73.7 1.4 1.0 0.5 28.7 261.9 0.0 0.0 0.0 0.0 0.0 3548.9

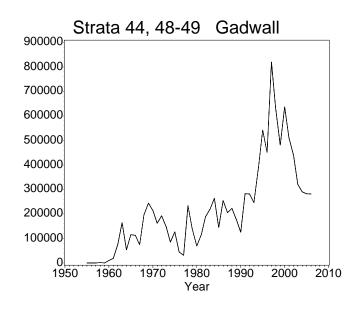
 $Appendix\ 1\ (continued).\ Long\ -term\ trend\ in\ adjusted\ waterfowl\ breeding\ population\ estimates\ (thousands)\ in\ South\ Dakota.$

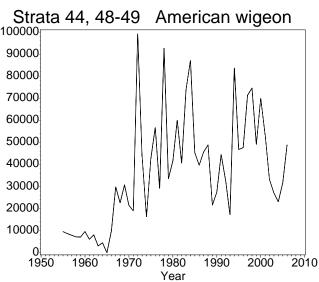
C	1070	1980	1001	1982	1002	1984	1005	1006	1987	1000
Species/Ponds	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
Ducks										
Dabblers		220.0	10.50	204.5	2110	2210	210.1	722 0		25.4.4
Mallard	441.7	338.9	186.8	291.7	314.9	334.9	310.1	532.0	556.8	374.1
Am. black duck	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gadwall	136.7	69.8	113.6	189.1	219.0	263.7	145.5	254.3	205.7	222.5
Am. wigeon	33.6	41.5	60.0	40.7	73.8	87.0	45.2	39.7	45.6	48.8
Am. green-winged teal	19.3	70.2	21.1	34.9	36.6	22.0	31.6	52.1	23.4	25.5
Blue-winged teal	906.0	483.3	254.1	519.9	801.8	938.8	604.5	1433.5	777.1	617.1
N. shoveler	341.8	59.3	66.7	152.4	200.0	236.9	113.2	379.8	226.9	84.4
N. pintail	280.0	119.7	53.0	204.2	223.8	263.5	165.3	389.5	212.8	118.4
Subtotal	2159.0	1182.6	755.3	1432.9	1869.9	2146.9	1415.3	3080.8	2048.2	1490.9
Divers										
Redhead	50.9	28.2	22.0	45.2	82.9	111.9	35.9	64.2	34.1	19.3
Canvasback	5.6	8.0	5.9	2.2	2.3	15.8	4.6	11.5	5.7	7.6
Scaups	36.7	5.4	19.1	43.7	54.3	58.6	30.6	104.7	35.4	63.2
Ring-necked duck	0.6	1.2	2.8	7.1	59.0	17.3	1.4	18.3	14.4	5.7
Goldeneyes	0.0	0.0	0.0	1.2	2.4	0.8	0.8	0.8	0.0	0.0
				3.1		2.8		4.8	0.0	2.9
Bufflehead	1.5	1.1	0.9		6.1		0.0			
Ruddy Duck	16.0	21.6	67.0	84.4	88.9	48.7	23.1	69.4	28.5	3.2
Subtotal	111.3	65.5	117.8	187.0	295.9	255.8	96.5	273.6	118.1	101.8
Miscellaneous										
Long-tailed duck	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Eiders	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Scoters	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Mergansers	2.5	0.8	0.0	7.0	5.7	6.1	0.0	0.0	0.0	2.1
Subtotal	2.5	0.8	0.0	7.0	5.7	6.1	0.0	0.0	0.0	2.1
Total Ducks	2272.9	1248.9	873.1	1626.9	2171.4	2408.9	1511.8	3354.5	2166.3	1594.7
Canada Goose	4.8	3.4	9.8	23.9	13.0	19.0	15.2	12.5	17.6	57.2
Am. coot	356.1	77.1	176.8	202.7	263.5	603.7	196.5	487.5	427.3	436.4
Ponds	445.3	263.5	163.0	398.4	436.4	594.6	425.0	609.4	517.3	306.8
						-,				
Species/Ponds	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998
Species/Ponds	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998
Ducks	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998
Ducks Dabblers										
Ducks Dabblers Mallard	472.0	183.5	342.6	360.6	491.5	715.9	919.7	839.8	1323.2	1035.6
Ducks Dabblers Mallard Am. black duck	472.0 0.0	183.5 0.2	342.6 0.0	360.6 0.0	491.5 0.0	715.9 0.0	919.7 0.0	839.8 0.0	1323.2 0.0	1035.6 0.0
Ducks Dabblers Mallard Am. black duck Gadwall	472.0 0.0 177.7	183.5 0.2 125.7	342.6 0.0 282.9	360.6 0.0 281.5	491.5 0.0 246.6	715.9 0.0 383.0	919.7 0.0 541.5	839.8 0.0 451.8	1323.2 0.0 819.5	1035.6 0.0 624.2
Ducks Dabblers Mallard Am. black duck Gadwall Am. wigeon	472.0 0.0 177.7 21.6	183.5 0.2 125.7 27.4	342.6 0.0 282.9 44.4	360.6 0.0 281.5 32.9	491.5 0.0 246.6 17.3	715.9 0.0 383.0 83.6	919.7 0.0 541.5 46.8	839.8 0.0 451.8 47.6	1323.2 0.0 819.5 71.3	1035.6 0.0 624.2 74.6
Ducks Dabblers Mallard Am. black duck Gadwall Am. wigeon Am. green-winged teal	472.0 0.0 177.7 21.6 24.4	183.5 0.2 125.7 27.4 8.5	342.6 0.0 282.9 44.4 17.0	360.6 0.0 281.5 32.9 12.6	491.5 0.0 246.6 17.3 6.6	715.9 0.0 383.0 83.6 55.2	919.7 0.0 541.5 46.8 58.4	839.8 0.0 451.8 47.6 63.0	1323.2 0.0 819.5 71.3 69.4	1035.6 0.0 624.2 74.6 34.3
Ducks Dabblers Mallard Am. black duck Gadwall Am. wigeon Am. green-winged teal Blue-winged teal	472.0 0.0 177.7 21.6 24.4 860.2	183.5 0.2 125.7 27.4 8.5 346.3	342.6 0.0 282.9 44.4 17.0 1075.4	360.6 0.0 281.5 32.9 12.6 626.4	491.5 0.0 246.6 17.3 6.6 679.9	715.9 0.0 383.0 83.6 55.2 1383.6	919.7 0.0 541.5 46.8 58.4 1468.4	839.8 0.0 451.8 47.6 63.0 1390.9	1323.2 0.0 819.5 71.3 69.4 1535.0	1035.6 0.0 624.2 74.6 34.3 1573.4
Ducks Dabblers Mallard Am. black duck Gadwall Am. wigeon Am. green-winged teal	472.0 0.0 177.7 21.6 24.4 860.2 185.4	183.5 0.2 125.7 27.4 8.5 346.3 79.2	342.6 0.0 282.9 44.4 17.0 1075.4 117.2	360.6 0.0 281.5 32.9 12.6 626.4 102.0	491.5 0.0 246.6 17.3 6.6 679.9 213.4	715.9 0.0 383.0 83.6 55.2 1383.6 283.5	919.7 0.0 541.5 46.8 58.4 1468.4 350.0	839.8 0.0 451.8 47.6 63.0 1390.9 287.6	1323.2 0.0 819.5 71.3 69.4 1535.0 414.3	1035.6 0.0 624.2 74.6 34.3 1573.4 230.3
Ducks Dabblers Mallard Am. black duck Gadwall Am. wigeon Am. green-winged teal Blue-winged teal	472.0 0.0 177.7 21.6 24.4 860.2	183.5 0.2 125.7 27.4 8.5 346.3	342.6 0.0 282.9 44.4 17.0 1075.4	360.6 0.0 281.5 32.9 12.6 626.4	491.5 0.0 246.6 17.3 6.6 679.9	715.9 0.0 383.0 83.6 55.2 1383.6	919.7 0.0 541.5 46.8 58.4 1468.4 350.0 364.2	839.8 0.0 451.8 47.6 63.0 1390.9	1323.2 0.0 819.5 71.3 69.4 1535.0	1035.6 0.0 624.2 74.6 34.3 1573.4 230.3 205.4
Ducks Dabblers Mallard Am. black duck Gadwall Am. wigeon Am. green-winged teal Blue-winged teal N. shoveler	472.0 0.0 177.7 21.6 24.4 860.2 185.4	183.5 0.2 125.7 27.4 8.5 346.3 79.2	342.6 0.0 282.9 44.4 17.0 1075.4 117.2	360.6 0.0 281.5 32.9 12.6 626.4 102.0	491.5 0.0 246.6 17.3 6.6 679.9 213.4	715.9 0.0 383.0 83.6 55.2 1383.6 283.5	919.7 0.0 541.5 46.8 58.4 1468.4 350.0	839.8 0.0 451.8 47.6 63.0 1390.9 287.6	1323.2 0.0 819.5 71.3 69.4 1535.0 414.3	1035.6 0.0 624.2 74.6 34.3 1573.4 230.3
Ducks Dabblers Mallard Am. black duck Gadwall Am. wigeon Am. green-winged teal Blue-winged teal N. shoveler N. pintail	472.0 0.0 177.7 21.6 24.4 860.2 185.4 148.3	183.5 0.2 125.7 27.4 8.5 346.3 79.2 63.4	342.6 0.0 282.9 44.4 17.0 1075.4 117.2 69.8	360.6 0.0 281.5 32.9 12.6 626.4 102.0 65.7	491.5 0.0 246.6 17.3 6.6 679.9 213.4 166.7	715.9 0.0 383.0 83.6 55.2 1383.6 283.5 230.1	919.7 0.0 541.5 46.8 58.4 1468.4 350.0 364.2	839.8 0.0 451.8 47.6 63.0 1390.9 287.6 187.3	1323.2 0.0 819.5 71.3 69.4 1535.0 414.3 349.9	1035.6 0.0 624.2 74.6 34.3 1573.4 230.3 205.4
Ducks Dabblers Mallard Am. black duck Gadwall Am. wigeon Am. green-winged teal Blue-winged teal N. shoveler N. pintail Subtotal	472.0 0.0 177.7 21.6 24.4 860.2 185.4 148.3	183.5 0.2 125.7 27.4 8.5 346.3 79.2 63.4	342.6 0.0 282.9 44.4 17.0 1075.4 117.2 69.8	360.6 0.0 281.5 32.9 12.6 626.4 102.0 65.7	491.5 0.0 246.6 17.3 6.6 679.9 213.4 166.7	715.9 0.0 383.0 83.6 55.2 1383.6 283.5 230.1	919.7 0.0 541.5 46.8 58.4 1468.4 350.0 364.2	839.8 0.0 451.8 47.6 63.0 1390.9 287.6 187.3	1323.2 0.0 819.5 71.3 69.4 1535.0 414.3 349.9	1035.6 0.0 624.2 74.6 34.3 1573.4 230.3 205.4
Ducks Dabblers Mallard Am. black duck Gadwall Am. wigeon Am. green-winged teal Blue-winged teal N. shoveler N. pintail Subtotal Divers	472.0 0.0 177.7 21.6 24.4 860.2 185.4 148.3 1889.5	183.5 0.2 125.7 27.4 8.5 346.3 79.2 63.4 834.3	342.6 0.0 282.9 44.4 17.0 1075.4 117.2 69.8 1949.3	360.6 0.0 281.5 32.9 12.6 626.4 102.0 65.7 1481.8	491.5 0.0 246.6 17.3 6.6 679.9 213.4 166.7 1821.9	715.9 0.0 383.0 83.6 55.2 1383.6 283.5 230.1 3134.8	919.7 0.0 541.5 46.8 58.4 1468.4 350.0 364.2 3749.0	839.8 0.0 451.8 47.6 63.0 1390.9 287.6 187.3 3268.0	1323.2 0.0 819.5 71.3 69.4 1535.0 414.3 349.9 4582.7	1035.6 0.0 624.2 74.6 34.3 1573.4 230.3 205.4 3777.8
Ducks Dabblers Mallard Am. black duck Gadwall Am. wigeon Am. green-winged teal Blue-winged teal N. shoveler N. pintail Subtotal Divers Redhead Canvasback	472.0 0.0 177.7 21.6 24.4 860.2 185.4 148.3 1889.5	183.5 0.2 125.7 27.4 8.5 346.3 79.2 63.4 834.3 16.7 8.1	342.6 0.0 282.9 44.4 17.0 1075.4 117.2 69.8 1949.3	360.6 0.0 281.5 32.9 12.6 626.4 102.0 65.7 1481.8 41.0	491.5 0.0 246.6 17.3 6.6 679.9 213.4 166.7 1821.9 62.4 8.0	715.9 0.0 383.0 83.6 55.2 1383.6 283.5 230.1 3134.8 98.2 14.6	919.7 0.0 541.5 46.8 58.4 1468.4 350.0 364.2 3749.0 68.4 7.6	839.8 0.0 451.8 47.6 63.0 1390.9 287.6 187.3 3268.0 54.3 9.1	1323.2 0.0 819.5 71.3 69.4 1535.0 414.3 349.9 4582.7 55.6 9.2	1035.6 0.0 624.2 74.6 34.3 1573.4 230.3 205.4 3777.8 78.9 4.5
Ducks Dabblers Mallard Am. black duck Gadwall Am. wigeon Am. green-winged teal Blue-winged teal N. shoveler N. pintail Subtotal Divers Redhead Canvasback Scaups	472.0 0.0 177.7 21.6 24.4 860.2 185.4 148.3 1889.5 55.1 5.3 80.4	183.5 0.2 125.7 27.4 8.5 346.3 79.2 63.4 834.3 16.7 8.1 43.5	342.6 0.0 282.9 44.4 17.0 1075.4 117.2 69.8 1949.3 11.7 5.3 66.8	360.6 0.0 281.5 32.9 12.6 626.4 102.0 65.7 1481.8 41.0 1.4 47.9	491.5 0.0 246.6 17.3 6.6 679.9 213.4 166.7 1821.9 62.4 8.0 7.3	715.9 0.0 383.0 83.6 55.2 1383.6 283.5 230.1 3134.8 98.2 14.6 155.2	919.7 0.0 541.5 46.8 58.4 1468.4 350.0 364.2 3749.0 68.4 7.6 120.9	839.8 0.0 451.8 47.6 63.0 1390.9 287.6 187.3 3268.0 54.3 9.1	1323.2 0.0 819.5 71.3 69.4 1535.0 414.3 349.9 4582.7 55.6 9.2 75.6	1035.6 0.0 624.2 74.6 34.3 1573.4 230.3 205.4 3777.8 78.9 4.5 87.4
Ducks Dabblers Mallard Am. black duck Gadwall Am. wigeon Am. green-winged teal Blue-winged teal N. shoveler N. pintail Subtotal Divers Redhead Canvasback Scaups Ring-necked duck	472.0 0.0 177.7 21.6 24.4 860.2 185.4 148.3 1889.5 55.1 5.3 80.4 17.7	183.5 0.2 125.7 27.4 8.5 346.3 79.2 63.4 834.3 16.7 8.1 43.5 17.6	342.6 0.0 282.9 44.4 17.0 1075.4 117.2 69.8 1949.3 11.7 5.3 66.8 5.5	360.6 0.0 281.5 32.9 12.6 626.4 102.0 65.7 1481.8 41.0 1.4 47.9 27.6	491.5 0.0 246.6 17.3 6.6 679.9 213.4 166.7 1821.9 62.4 8.0 7.3 5.8	715.9 0.0 383.0 83.6 55.2 1383.6 283.5 230.1 3134.8 98.2 14.6 155.2 11.1	919.7 0.0 541.5 46.8 58.4 1468.4 350.0 364.2 3749.0 68.4 7.6 120.9 41.6	839.8 0.0 451.8 47.6 63.0 1390.9 287.6 187.3 3268.0 54.3 9.1 94.6 17.4	1323.2 0.0 819.5 71.3 69.4 1535.0 414.3 349.9 4582.7 55.6 9.2 75.6 19.1	1035.6 0.0 624.2 74.6 34.3 1573.4 230.3 205.4 3777.8 78.9 4.5 87.4 8.4
Ducks Dabblers Mallard Am. black duck Gadwall Am. wigeon Am. green-winged teal Blue-winged teal N. shoveler N. pintail Subtotal Divers Redhead Canvasback Scaups Ring-necked duck Goldeneyes	472.0 0.0 177.7 21.6 24.4 860.2 185.4 148.3 1889.5 55.1 5.3 80.4 17.7 0.0	183.5 0.2 125.7 27.4 8.5 346.3 79.2 63.4 834.3 16.7 8.1 43.5 17.6 0.0	342.6 0.0 282.9 44.4 17.0 1075.4 117.2 69.8 1949.3 11.7 5.3 66.8 5.5 3.6	360.6 0.0 281.5 32.9 12.6 626.4 102.0 65.7 1481.8 41.0 1.4 47.9 27.6 0.0	491.5 0.0 246.6 17.3 6.6 679.9 213.4 166.7 1821.9 62.4 8.0 7.3 5.8 0.0	715.9 0.0 383.0 83.6 55.2 1383.6 283.5 230.1 3134.8 98.2 14.6 155.2 11.1 0.8	919.7 0.0 541.5 46.8 58.4 1468.4 350.0 364.2 3749.0 68.4 7.6 120.9 41.6 0.8	839.8 0.0 451.8 47.6 63.0 1390.9 287.6 187.3 3268.0 54.3 9.1 94.6 17.4 0.9	1323.2 0.0 819.5 71.3 69.4 1535.0 414.3 349.9 4582.7 55.6 9.2 75.6 19.1 0.0	1035.6 0.0 624.2 74.6 34.3 1573.4 230.3 205.4 3777.8 78.9 4.5 87.4 8.4 0.0
Ducks Dabblers Mallard Am. black duck Gadwall Am. wigeon Am. green-winged teal Blue-winged teal N. shoveler N. pintail Subtotal Divers Redhead Canvasback Scaups Ring-necked duck Goldeneyes Bufflehead	472.0 0.0 177.7 21.6 24.4 860.2 185.4 148.3 1889.5 55.1 5.3 80.4 17.7 0.0 5.0	183.5 0.2 125.7 27.4 8.5 346.3 79.2 63.4 834.3 16.7 8.1 43.5 17.6 0.0 0.5	342.6 0.0 282.9 44.4 17.0 1075.4 117.2 69.8 1949.3 11.7 5.3 66.8 5.5 3.6 1.2	360.6 0.0 281.5 32.9 12.6 626.4 102.0 65.7 1481.8 41.0 1.4 47.9 27.6 0.0 7.5	491.5 0.0 246.6 17.3 6.6 679.9 213.4 166.7 1821.9 62.4 8.0 7.3 5.8 0.0	715.9 0.0 383.0 83.6 55.2 1383.6 283.5 230.1 3134.8 98.2 14.6 155.2 11.1 0.8 12.0	919.7 0.0 541.5 46.8 58.4 1468.4 350.0 364.2 3749.0 68.4 7.6 120.9 41.6 0.8 5.9	839.8 0.0 451.8 47.6 63.0 1390.9 287.6 187.3 3268.0 54.3 9.1 94.6 17.4 0.9 1.2	1323.2 0.0 819.5 71.3 69.4 1535.0 414.3 349.9 4582.7 55.6 9.2 75.6 19.1 0.0 1.3	1035.6 0.0 624.2 74.6 34.3 1573.4 230.3 205.4 3777.8 78.9 4.5 87.4 8.4 0.0 0.6
Ducks Dabblers Mallard Am. black duck Gadwall Am. wigeon Am. green-winged teal Blue-winged teal N. shoveler N. pintail Subtotal Divers Redhead Canvasback Scaups Ring-necked duck Goldeneyes Bufflehead Ruddy Duck	472.0 0.0 177.7 21.6 24.4 860.2 185.4 148.3 1889.5 55.1 5.3 80.4 17.7 0.0 5.0 44.0	183.5 0.2 125.7 27.4 8.5 346.3 79.2 63.4 834.3 16.7 8.1 43.5 17.6 0.0 0.5 34.1	342.6 0.0 282.9 44.4 17.0 1075.4 117.2 69.8 1949.3 11.7 5.3 66.8 5.5 3.6 1.2 10.2	360.6 0.0 281.5 32.9 12.6 626.4 102.0 65.7 1481.8 41.0 1.4 47.9 27.6 0.0 7.5 3.9	491.5 0.0 246.6 17.3 6.6 679.9 213.4 166.7 1821.9 62.4 8.0 7.3 5.8 0.0 0.0 21.5	715.9 0.0 383.0 83.6 55.2 1383.6 283.5 230.1 3134.8 98.2 14.6 155.2 11.1 0.8 12.0 36.7	919.7 0.0 541.5 46.8 58.4 1468.4 350.0 364.2 3749.0 68.4 7.6 120.9 41.6 0.8 5.9 43.2	839.8 0.0 451.8 47.6 63.0 1390.9 287.6 187.3 3268.0 54.3 9.1 94.6 17.4 0.9 1.2 14.7	1323.2 0.0 819.5 71.3 69.4 1535.0 414.3 349.9 4582.7 55.6 9.2 75.6 19.1 0.0 1.3 18.7	1035.6 0.0 624.2 74.6 34.3 1573.4 230.3 205.4 3777.8 78.9 4.5 87.4 8.4 0.0 0.6 24.9
Ducks Dabblers Mallard Am. black duck Gadwall Am. wigeon Am. green-winged teal Blue-winged teal N. shoveler N. pintail Subtotal Divers Redhead Canvasback Scaups Ring-necked duck Goldeneyes Bufflehead Ruddy Duck Subtotal	472.0 0.0 177.7 21.6 24.4 860.2 185.4 148.3 1889.5 55.1 5.3 80.4 17.7 0.0 5.0	183.5 0.2 125.7 27.4 8.5 346.3 79.2 63.4 834.3 16.7 8.1 43.5 17.6 0.0 0.5	342.6 0.0 282.9 44.4 17.0 1075.4 117.2 69.8 1949.3 11.7 5.3 66.8 5.5 3.6 1.2	360.6 0.0 281.5 32.9 12.6 626.4 102.0 65.7 1481.8 41.0 1.4 47.9 27.6 0.0 7.5	491.5 0.0 246.6 17.3 6.6 679.9 213.4 166.7 1821.9 62.4 8.0 7.3 5.8 0.0	715.9 0.0 383.0 83.6 55.2 1383.6 283.5 230.1 3134.8 98.2 14.6 155.2 11.1 0.8 12.0	919.7 0.0 541.5 46.8 58.4 1468.4 350.0 364.2 3749.0 68.4 7.6 120.9 41.6 0.8 5.9	839.8 0.0 451.8 47.6 63.0 1390.9 287.6 187.3 3268.0 54.3 9.1 94.6 17.4 0.9 1.2	1323.2 0.0 819.5 71.3 69.4 1535.0 414.3 349.9 4582.7 55.6 9.2 75.6 19.1 0.0 1.3	1035.6 0.0 624.2 74.6 34.3 1573.4 230.3 205.4 3777.8 78.9 4.5 87.4 8.4 0.0 0.6
Ducks Dabblers Mallard Am. black duck Gadwall Am. wigeon Am. green-winged teal Blue-winged teal N. shoveler N. pintail Subtotal Divers Redhead Canvasback Scaups Ring-necked duck Goldeneyes Bufflehead Ruddy Duck Subtotal Miscellaneous	472.0 0.0 177.7 21.6 24.4 860.2 185.4 148.3 1889.5 55.1 5.3 80.4 17.7 0.0 5.0 44.0 207.6	183.5 0.2 125.7 27.4 8.5 346.3 79.2 63.4 834.3 16.7 8.1 43.5 17.6 0.0 0.5 34.1 120.5	342.6 0.0 282.9 44.4 17.0 1075.4 117.2 69.8 1949.3 11.7 5.3 66.8 5.5 3.6 1.2 10.2 104.2	360.6 0.0 281.5 32.9 12.6 626.4 102.0 65.7 1481.8 41.0 1.4 47.9 27.6 0.0 7.5 3.9 129.3	491.5 0.0 246.6 17.3 6.6 679.9 213.4 166.7 1821.9 62.4 8.0 7.3 5.8 0.0 0.0 21.5 105.0	715.9 0.0 383.0 83.6 55.2 1383.6 283.5 230.1 3134.8 98.2 14.6 155.2 11.1 0.8 12.0 36.7 328.7	919.7 0.0 541.5 46.8 58.4 1468.4 350.0 364.2 3749.0 68.4 7.6 120.9 41.6 0.8 5.9 43.2 288.4	839.8 0.0 451.8 47.6 63.0 1390.9 287.6 187.3 3268.0 54.3 9.1 94.6 17.4 0.9 1.2 14.7 192.1	1323.2 0.0 819.5 71.3 69.4 1535.0 414.3 349.9 4582.7 55.6 9.2 75.6 19.1 0.0 1.3 18.7 179.5	1035.6 0.0 624.2 74.6 34.3 1573.4 230.3 205.4 3777.8 78.9 4.5 87.4 8.4 0.0 0.6 24.9 204.8
Ducks Dabblers Mallard Am. black duck Gadwall Am. wigeon Am. green-winged teal Blue-winged teal N. shoveler N. pintail Subtotal Divers Redhead Canvasback Scaups Ring-necked duck Goldeneyes Bufflehead Ruddy Duck Subtotal Miscellaneous Long-tailed duck	472.0 0.0 177.7 21.6 24.4 860.2 185.4 148.3 1889.5 55.1 5.3 80.4 17.7 0.0 5.0 44.0 207.6	183.5 0.2 125.7 27.4 8.5 346.3 79.2 63.4 834.3 16.7 8.1 43.5 17.6 0.0 0.5 34.1 120.5	342.6 0.0 282.9 44.4 17.0 1075.4 117.2 69.8 1949.3 11.7 5.3 66.8 5.5 3.6 1.2 10.2 104.2	360.6 0.0 281.5 32.9 12.6 626.4 102.0 65.7 1481.8 41.0 1.4 47.9 27.6 0.0 7.5 3.9 129.3	491.5 0.0 246.6 17.3 6.6 679.9 213.4 166.7 1821.9 62.4 8.0 7.3 5.8 0.0 0.0 21.5 105.0	715.9 0.0 383.0 83.6 55.2 1383.6 283.5 230.1 3134.8 98.2 14.6 155.2 11.1 0.8 12.0 36.7 328.7	919.7 0.0 541.5 46.8 58.4 1468.4 350.0 364.2 3749.0 68.4 7.6 120.9 41.6 0.8 5.9 43.2 288.4	839.8 0.0 451.8 47.6 63.0 1390.9 287.6 187.3 3268.0 54.3 9.1 94.6 17.4 0.9 1.2 14.7 192.1	1323.2 0.0 819.5 71.3 69.4 1535.0 414.3 349.9 4582.7 55.6 9.2 75.6 19.1 0.0 1.3 18.7 179.5	1035.6 0.0 624.2 74.6 34.3 1573.4 230.3 205.4 3777.8 78.9 4.5 87.4 8.4 0.0 0.6 24.9 204.8
Ducks Dabblers Mallard Am. black duck Gadwall Am. wigeon Am. green-winged teal Blue-winged teal N. shoveler N. pintail Subtotal Divers Redhead Canvasback Scaups Ring-necked duck Goldeneyes Bufflehead Ruddy Duck Subtotal Miscellaneous Long-tailed duck Eiders	472.0 0.0 177.7 21.6 24.4 860.2 185.4 148.3 1889.5 55.1 5.3 80.4 17.7 0.0 5.0 44.0 207.6	183.5 0.2 125.7 27.4 8.5 346.3 79.2 63.4 834.3 16.7 8.1 43.5 17.6 0.0 0.5 34.1 120.5 0.0	342.6 0.0 282.9 44.4 17.0 1075.4 117.2 69.8 1949.3 11.7 5.3 66.8 5.5 3.6 1.2 10.2 104.2	360.6 0.0 281.5 32.9 12.6 626.4 102.0 65.7 1481.8 41.0 1.4 47.9 27.6 0.0 7.5 3.9 129.3	491.5 0.0 246.6 17.3 6.6 679.9 213.4 166.7 1821.9 62.4 8.0 7.3 5.8 0.0 0.0 21.5 105.0	715.9 0.0 383.0 83.6 55.2 1383.6 283.5 230.1 3134.8 98.2 14.6 155.2 11.1 0.8 12.0 36.7 328.7	919.7 0.0 541.5 46.8 58.4 1468.4 350.0 364.2 3749.0 68.4 7.6 120.9 41.6 0.8 5.9 43.2 288.4 0.0 0.0	839.8 0.0 451.8 47.6 63.0 1390.9 287.6 187.3 3268.0 54.3 9.1 94.6 17.4 0.9 1.2 14.7 192.1	1323.2 0.0 819.5 71.3 69.4 1535.0 414.3 349.9 4582.7 55.6 9.2 75.6 19.1 0.0 1.3 18.7 179.5	1035.6 0.0 624.2 74.6 34.3 1573.4 230.3 205.4 3777.8 78.9 4.5 87.4 8.4 0.0 0.6 24.9 204.8 0.0 0.0
Ducks Dabblers Mallard Am. black duck Gadwall Am. wigeon Am. green-winged teal Blue-winged teal N. shoveler N. pintail Subtotal Divers Redhead Canvasback Scaups Ring-necked duck Goldeneyes Bufflehead Ruddy Duck Subtotal Miscellaneous Long-tailed duck Eiders Scoters	472.0 0.0 177.7 21.6 24.4 860.2 185.4 148.3 1889.5 55.1 5.3 80.4 17.7 0.0 5.0 44.0 207.6 0.0 0.0 0.0	183.5 0.2 125.7 27.4 8.5 346.3 79.2 63.4 834.3 16.7 8.1 43.5 17.6 0.0 0.5 34.1 120.5 0.0 0.0	342.6 0.0 282.9 44.4 17.0 1075.4 117.2 69.8 1949.3 11.7 5.3 66.8 5.5 3.6 1.2 10.2 104.2 0.0 0.0 0.0	360.6 0.0 281.5 32.9 12.6 626.4 102.0 65.7 1481.8 41.0 1.4 47.9 27.6 0.0 7.5 3.9 129.3 0.0 0.0 1.6	491.5 0.0 246.6 17.3 6.6 679.9 213.4 166.7 1821.9 62.4 8.0 7.3 5.8 0.0 0.0 21.5 105.0 0.0 0.0	715.9 0.0 383.0 83.6 55.2 1383.6 283.5 230.1 3134.8 98.2 14.6 155.2 11.1 0.8 12.0 36.7 328.7 0.0 0.0	919.7 0.0 541.5 46.8 58.4 1468.4 350.0 364.2 3749.0 68.4 7.6 120.9 41.6 0.8 5.9 43.2 288.4 0.0 0.0	839.8 0.0 451.8 47.6 63.0 1390.9 287.6 187.3 3268.0 54.3 9.1 94.6 17.4 0.9 1.2 14.7 192.1 0.0 0.0 0.0	1323.2 0.0 819.5 71.3 69.4 1535.0 414.3 349.9 4582.7 55.6 9.2 75.6 19.1 0.0 1.3 18.7 179.5 0.0 0.0 0.0	1035.6 0.0 624.2 74.6 34.3 1573.4 230.3 205.4 3777.8 78.9 4.5 87.4 8.4 0.0 0.6 24.9 204.8 0.0 0.0 0.0
Ducks Dabblers Mallard Am. black duck Gadwall Am. wigeon Am. green-winged teal Blue-winged teal N. shoveler N. pintail Subtotal Divers Redhead Canvasback Scaups Ring-necked duck Goldeneyes Bufflehead Ruddy Duck Subtotal Miscellaneous Long-tailed duck Eiders Scoters Mergansers	472.0 0.0 177.7 21.6 24.4 860.2 185.4 148.3 1889.5 55.1 5.3 80.4 17.7 0.0 5.0 44.0 207.6 0.0 0.0 0.0 3.5	183.5 0.2 125.7 27.4 8.5 346.3 79.2 63.4 834.3 16.7 8.1 43.5 17.6 0.0 0.5 34.1 120.5 0.0 0.0	342.6 0.0 282.9 44.4 17.0 1075.4 117.2 69.8 1949.3 11.7 5.3 66.8 5.5 3.6 1.2 10.2 104.2	360.6 0.0 281.5 32.9 12.6 626.4 102.0 65.7 1481.8 41.0 1.4 47.9 27.6 0.0 7.5 3.9 129.3	491.5 0.0 246.6 17.3 6.6 679.9 213.4 166.7 1821.9 62.4 8.0 7.3 5.8 0.0 0.0 21.5 105.0 0.0 0.0 0.0 2.1	715.9 0.0 383.0 83.6 55.2 1383.6 283.5 230.1 3134.8 98.2 14.6 155.2 11.1 0.8 12.0 36.7 328.7	919.7 0.0 541.5 46.8 58.4 1468.4 350.0 364.2 3749.0 68.4 7.6 120.9 41.6 0.8 5.9 43.2 288.4 0.0 0.0	839.8 0.0 451.8 47.6 63.0 1390.9 287.6 187.3 3268.0 54.3 9.1 94.6 17.4 0.9 1.2 14.7 192.1	1323.2 0.0 819.5 71.3 69.4 1535.0 414.3 349.9 4582.7 55.6 9.2 75.6 19.1 0.0 1.3 18.7 179.5 0.0 0.0 0.0 7.7	1035.6 0.0 624.2 74.6 34.3 1573.4 230.3 205.4 3777.8 78.9 4.5 87.4 8.4 0.0 0.6 24.9 204.8 0.0 0.0
Ducks Dabblers Mallard Am. black duck Gadwall Am. wigeon Am. green-winged teal Blue-winged teal N. shoveler N. pintail Subtotal Divers Redhead Canvasback Scaups Ring-necked duck Goldeneyes Bufflehead Ruddy Duck Subtotal Miscellaneous Long-tailed duck Eiders Scoters	472.0 0.0 177.7 21.6 24.4 860.2 185.4 148.3 1889.5 55.1 5.3 80.4 17.7 0.0 5.0 44.0 207.6 0.0 0.0 0.0 3.5 3.5	183.5 0.2 125.7 27.4 8.5 346.3 79.2 63.4 834.3 16.7 8.1 43.5 17.6 0.0 0.5 34.1 120.5 0.0 0.0	342.6 0.0 282.9 44.4 17.0 1075.4 117.2 69.8 1949.3 11.7 5.3 66.8 5.5 3.6 1.2 10.2 104.2 0.0 0.0 0.0	360.6 0.0 281.5 32.9 12.6 626.4 102.0 65.7 1481.8 41.0 1.4 47.9 27.6 0.0 7.5 3.9 129.3 0.0 0.0 1.6	491.5 0.0 246.6 17.3 6.6 679.9 213.4 166.7 1821.9 62.4 8.0 7.3 5.8 0.0 0.0 21.5 105.0 0.0 0.0 2.1 2.1	715.9 0.0 383.0 83.6 55.2 1383.6 283.5 230.1 3134.8 98.2 14.6 155.2 11.1 0.8 12.0 36.7 328.7 0.0 0.0 0.0 3.7 3.7	919.7 0.0 541.5 46.8 58.4 1468.4 350.0 364.2 3749.0 68.4 7.6 120.9 41.6 0.8 5.9 43.2 288.4 0.0 0.0	839.8 0.0 451.8 47.6 63.0 1390.9 287.6 187.3 3268.0 54.3 9.1 94.6 17.4 0.9 1.2 14.7 192.1 0.0 0.0 0.0	1323.2 0.0 819.5 71.3 69.4 1535.0 414.3 349.9 4582.7 55.6 9.2 75.6 19.1 0.0 1.3 18.7 179.5 0.0 0.0 0.0	1035.6 0.0 624.2 74.6 34.3 1573.4 230.3 205.4 3777.8 78.9 4.5 87.4 8.4 0.0 0.6 24.9 204.8 0.0 0.0 2.5 2.5
Ducks Dabblers Mallard Am. black duck Gadwall Am. wigeon Am. green-winged teal Blue-winged teal N. shoveler N. pintail Subtotal Divers Redhead Canvasback Scaups Ring-necked duck Goldeneyes Bufflehead Ruddy Duck Subtotal Miscellaneous Long-tailed duck Eiders Scoters Mergansers	472.0 0.0 177.7 21.6 24.4 860.2 185.4 148.3 1889.5 55.1 5.3 80.4 17.7 0.0 5.0 44.0 207.6 0.0 0.0 0.0 3.5	183.5 0.2 125.7 27.4 8.5 346.3 79.2 63.4 834.3 16.7 8.1 43.5 17.6 0.0 0.5 34.1 120.5 0.0 0.0 0.0 0.0 2.4	342.6 0.0 282.9 44.4 17.0 1075.4 117.2 69.8 1949.3 11.7 5.3 66.8 5.5 3.6 1.2 10.2 104.2 0.0 0.0 0.0 4.0	360.6 0.0 281.5 32.9 12.6 626.4 102.0 65.7 1481.8 41.0 1.4 47.9 27.6 0.0 7.5 3.9 129.3 0.0 0.0 1.6 0.0	491.5 0.0 246.6 17.3 6.6 679.9 213.4 166.7 1821.9 62.4 8.0 7.3 5.8 0.0 0.0 21.5 105.0 0.0 0.0 0.0 2.1	715.9 0.0 383.0 83.6 55.2 1383.6 283.5 230.1 3134.8 98.2 14.6 155.2 11.1 0.8 12.0 36.7 328.7 0.0 0.0 0.0 3.7	919.7 0.0 541.5 46.8 58.4 1468.4 350.0 364.2 3749.0 68.4 7.6 120.9 41.6 0.8 5.9 43.2 288.4 0.0 0.0 4.9	839.8 0.0 451.8 47.6 63.0 1390.9 287.6 187.3 3268.0 54.3 9.1 94.6 17.4 0.9 1.2 14.7 192.1 0.0 0.0 0.0 0.5	1323.2 0.0 819.5 71.3 69.4 1535.0 414.3 349.9 4582.7 55.6 9.2 75.6 19.1 0.0 1.3 18.7 179.5 0.0 0.0 0.0 7.7	1035.6 0.0 624.2 74.6 34.3 1573.4 230.3 205.4 3777.8 78.9 4.5 87.4 8.4 0.0 0.6 24.9 204.8 0.0 0.0 0.0 0.0 2.5
Ducks Dabblers Mallard Am. black duck Gadwall Am. wigeon Am. green-winged teal Blue-winged teal N. shoveler N. pintail Subtotal Divers Redhead Canvasback Scaups Ring-necked duck Goldeneyes Bufflehead Ruddy Duck Subtotal Miscellaneous Long-tailed duck Eiders Scoters Mergansers Subtotal	472.0 0.0 177.7 21.6 24.4 860.2 185.4 148.3 1889.5 55.1 5.3 80.4 17.7 0.0 5.0 44.0 207.6 0.0 0.0 0.0 3.5 3.5	183.5 0.2 125.7 27.4 8.5 346.3 79.2 63.4 834.3 16.7 8.1 43.5 17.6 0.0 0.5 34.1 120.5 0.0 0.0 0.0 0.0 2.4 2.4	342.6 0.0 282.9 44.4 17.0 1075.4 117.2 69.8 1949.3 11.7 5.3 66.8 5.5 3.6 1.2 10.2 104.2 0.0 0.0 0.0 4.0 4.0	360.6 0.0 281.5 32.9 12.6 626.4 102.0 65.7 1481.8 41.0 1.4 47.9 27.6 0.0 7.5 3.9 129.3 0.0 0.0 1.6 0.0 1.6	491.5 0.0 246.6 17.3 6.6 679.9 213.4 166.7 1821.9 62.4 8.0 7.3 5.8 0.0 0.0 21.5 105.0 0.0 0.0 2.1 2.1	715.9 0.0 383.0 83.6 55.2 1383.6 283.5 230.1 3134.8 98.2 14.6 155.2 11.1 0.8 12.0 36.7 328.7 0.0 0.0 0.0 3.7 3.7	919.7 0.0 541.5 46.8 58.4 1468.4 350.0 364.2 3749.0 68.4 7.6 120.9 41.6 0.8 5.9 43.2 288.4 0.0 0.0 0.0 4.9 4.9	839.8 0.0 451.8 47.6 63.0 1390.9 287.6 187.3 3268.0 54.3 9.1 94.6 17.4 0.9 1.2 14.7 192.1 0.0 0.0 0.0 0.5 0.5	1323.2 0.0 819.5 71.3 69.4 1535.0 414.3 349.9 4582.7 55.6 9.2 75.6 19.1 0.0 1.3 18.7 179.5 0.0 0.0 0.0 7.7 7.7	1035.6 0.0 624.2 74.6 34.3 1573.4 230.3 205.4 3777.8 78.9 4.5 87.4 8.4 0.0 0.6 24.9 204.8 0.0 0.0 2.5 2.5
Ducks Dabblers Mallard Am. black duck Gadwall Am. wigeon Am. green-winged teal Blue-winged teal N. shoveler N. pintail Subtotal Divers Redhead Canvasback Scaups Ring-necked duck Goldeneyes Bufflehead Ruddy Duck Subtotal Miscellaneous Long-tailed duck Eiders Scoters Mergansers Subtotal Total Ducks	472.0 0.0 177.7 21.6 24.4 860.2 185.4 148.3 1889.5 55.1 5.3 80.4 17.7 0.0 5.0 44.0 207.6 0.0 0.0 0.0 3.5 3.5 2100.5	183.5 0.2 125.7 27.4 8.5 346.3 79.2 63.4 834.3 16.7 8.1 43.5 17.6 0.0 0.5 34.1 120.5 0.0 0.0 0.0 0.0 0.0 2.4 2.4 957.3	342.6 0.0 282.9 44.4 17.0 1075.4 117.2 69.8 1949.3 11.7 5.3 66.8 5.5 3.6 1.2 10.2 104.2 0.0 0.0 4.0 4.0 2057.5	360.6 0.0 281.5 32.9 12.6 626.4 102.0 65.7 1481.8 41.0 1.4 47.9 27.6 0.0 7.5 3.9 129.3 0.0 0.0 1.6 0.0 1.6 1.6	491.5 0.0 246.6 17.3 6.6 679.9 213.4 166.7 1821.9 62.4 8.0 7.3 5.8 0.0 0.0 21.5 105.0 0.0 0.0 2.1 2.1 1929.1 37.7	715.9 0.0 383.0 83.6 55.2 1383.6 283.5 230.1 3134.8 98.2 14.6 155.2 11.1 0.8 12.0 36.7 328.7 0.0 0.0 0.0 3.7 3.7 3467.2	919.7 0.0 541.5 46.8 58.4 1468.4 350.0 364.2 3749.0 68.4 7.6 120.9 41.6 0.8 5.9 43.2 288.4 0.0 0.0 0.0 4.9 4.9 4042.3	839.8 0.0 451.8 47.6 63.0 1390.9 287.6 187.3 3268.0 54.3 9.1 94.6 17.4 0.9 1.2 14.7 192.1 0.0 0.0 0.0 0.5 0.5 3460.6	1323.2 0.0 819.5 71.3 69.4 1535.0 414.3 349.9 4582.7 55.6 9.2 75.6 19.1 0.0 1.3 18.7 179.5 0.0 0.0 0.0 7.7 7.7 4769.9	1035.6 0.0 624.2 74.6 34.3 1573.4 230.3 205.4 3777.8 78.9 4.5 87.4 8.4 0.0 0.6 24.9 204.8 0.0 0.0 0.0 2.5 2.5 3985.1
Ducks Dabblers Mallard Am. black duck Gadwall Am. wigeon Am. green-winged teal Blue-winged teal N. shoveler N. pintail Subtotal Divers Redhead Canvasback Scaups Ring-necked duck Goldeneyes Bufflehead Ruddy Duck Subtotal Miscellaneous Long-tailed duck Eiders Scoters Mergansers Subtotal Total Ducks Canada Goose	472.0 0.0 177.7 21.6 24.4 860.2 185.4 148.3 1889.5 55.1 5.3 80.4 17.7 0.0 5.0 44.0 207.6 0.0 0.0 0.0 3.5 3.5 2100.5 65.4	183.5 0.2 125.7 27.4 8.5 346.3 79.2 63.4 834.3 16.7 8.1 43.5 17.6 0.0 0.5 34.1 120.5 0.0 0.0 2.4 2.4 957.3 46.2	342.6 0.0 282.9 44.4 17.0 1075.4 117.2 69.8 1949.3 11.7 5.3 66.8 5.5 3.6 1.2 10.2 104.2 0.0 0.0 4.0 4.0 2057.5 44.2	360.6 0.0 281.5 32.9 12.6 626.4 102.0 65.7 1481.8 41.0 1.4 47.9 27.6 0.0 7.5 3.9 129.3 0.0 0.0 1.6 0.0 1.6 1.6 1.6 1.6 1.7 1.8	491.5 0.0 246.6 17.3 6.6 679.9 213.4 166.7 1821.9 62.4 8.0 7.3 5.8 0.0 0.0 21.5 105.0 0.0 0.0 2.1 2.1 1929.1	715.9 0.0 383.0 83.6 55.2 1383.6 283.5 230.1 3134.8 98.2 14.6 155.2 11.1 0.8 12.0 36.7 328.7 0.0 0.0 0.0 3.7 3.7 3467.2 46.5	919.7 0.0 541.5 46.8 58.4 1468.4 350.0 364.2 3749.0 68.4 7.6 120.9 41.6 0.8 5.9 43.2 288.4 0.0 0.0 0.0 4.9 4.9 4042.3 55.9	839.8 0.0 451.8 47.6 63.0 1390.9 287.6 187.3 3268.0 54.3 9.1 94.6 17.4 0.9 1.2 14.7 192.1 0.0 0.0 0.0 0.5 0.5 3460.6 73.5	1323.2 0.0 819.5 71.3 69.4 1535.0 414.3 349.9 4582.7 55.6 9.2 75.6 19.1 0.0 1.3 18.7 179.5 0.0 0.0 0.0 7.7 7.7 4769.9 86.8	1035.6 0.0 624.2 74.6 34.3 1573.4 230.3 205.4 3777.8 78.9 4.5 87.4 8.4 0.0 0.6 24.9 204.8 0.0 0.0 0.0 2.5 2.5 3985.1 99.8

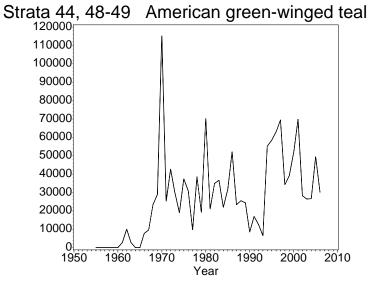
Appendix 1 (continued). Long –term trend in adjusted waterfowl breeding population estimates (thousands) in South Dakota.

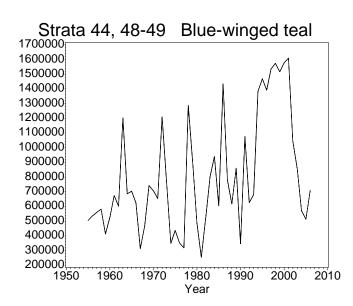
Species/Ponds	1999	2000	2001	2002	2003	2004	2005	2006
Ducks								
Dabblers								
Mallard	1016.4	1108.4	1040.5	699.3	577.5	535.7	478.5	707.3
Am. black duck	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gadwall	481.6	636.2	508.9	441.6	320.2	290.4	282.3	281.7
Am. wigeon	49.1	69.9	53.5	33.0	27.0	23.1	31.4	48.8
Am. green-winged teal	39.1	51.6	69.8	28.2	26.4	26.7	49.4	30.1
Blue-winged teal	1516.6	1576.9	1608.7	1043.1	859.9	570.4	514.2	710.5
N. shoveler	364.3	226.8	461.9	188.3	131.2	100.9	99.7	136.5
N. pintail	201.9	200.5	385.4	88.1	39.0	63.8	72.2	124.7
Subtotal	3669.0	3870.3	4128.7	2521.6	1981.3	1610.9	1527.7	2039.6
Divers								
Redhead	56.0	33.0	51.0	75.6	28.5	13.7	9.6	28.3
Canvasback	2.9	6.7	5.1	7.8	3.1	7.8	4.7	6.3
Scaups	40.3	59.1	44.5	66.6	37.0	30.0	30.3	24.3
Ring-necked duck	25.7	10.8	8.7	13.3	8.9	5.0	6.1	5.0
Goldeneyes	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Bufflehead	2.3	0.4	0.6	1.9	1.6	1.0	1.0	0.0
Ruddy Duck	82.1	65.9	58.8	75.6	28.0	1.9	9.5	39.3
Subtotal	209.4	175.9	168.7	240.9	107.1	59.4	61.2	103.1
Miscellaneous								
Long-tailed duck	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Eiders	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Scoters	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Mergansers	4.0	2.9	3.7	2.4	0.5	1.4	0.0	0.9
Subtotal	4.0	2.9	3.7	2.4	0.5	1.4	0.0	0.9
Total Ducks	3882.5	4049.1	4301.1	2764.9	2088.9	1671.7	1588.9	2143.6
Canada Goose	111.8	165.3	169.9	88.7	130.4	108.0	108.2	121.0
Am. coot	458.6	300.9	141.7	235.1	22.0	32.2	32.6	60.5
Ponds	1025.0	627.6	989.1	433.9	473.9	305.2	326.5	531.5

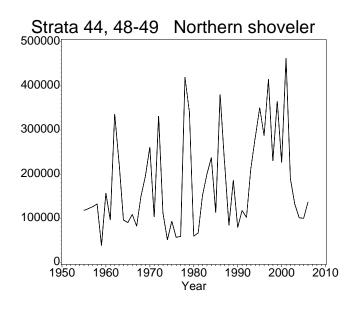


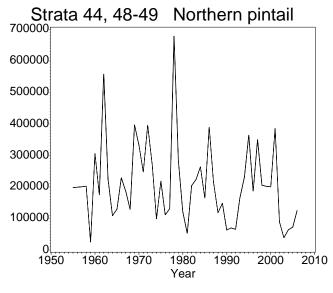


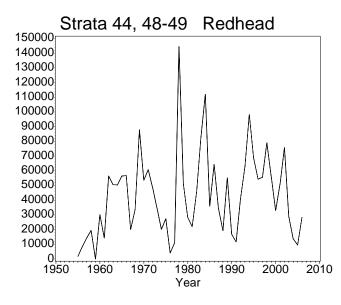


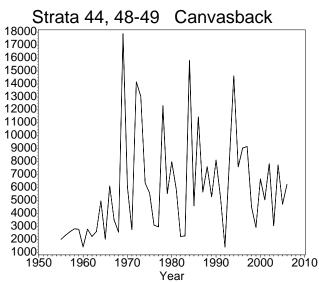


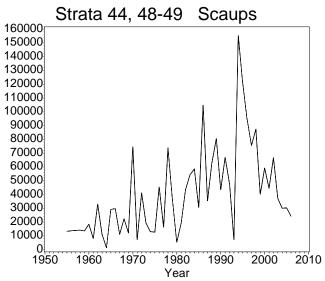


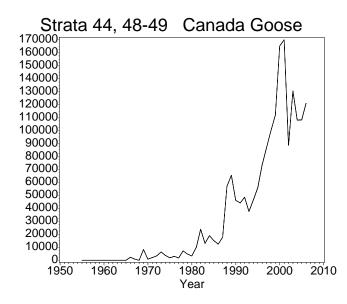


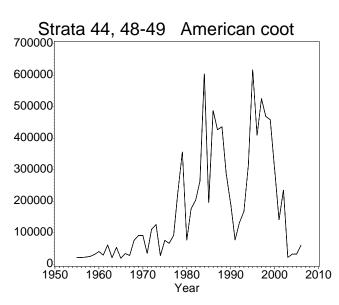


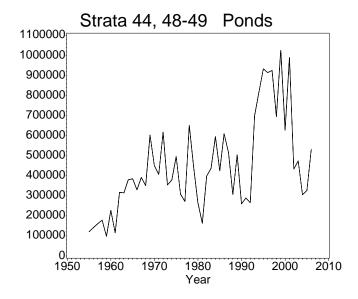












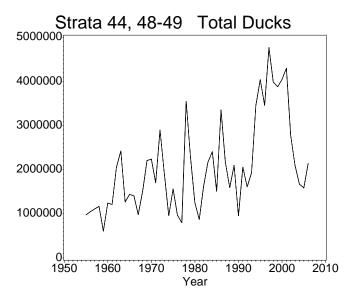


Table 4. Status of waterfowl breeding population estimates (thousands, adjusted for visibility bias) by species and stratum with comparisons against the previous year, the previous 10-year mean, and the long-term mean (from1958) for North Dakota.

		Stratum (2006)						% Change From			
								Long-Term		10-Year	Long-Term
Species/Ponds	43	45	46	47	2006 Total	2005 Total 10	0-Year Mean	Mean	2005	Mean	Mean
Ducks											
Dabblers											
Mallard	158.8	638.0	393.2	57.5	1247.5	1070.8	1272.6	630.7	16.5%	-2.0%	97.8%
Am. black duck	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	-100.0%	-100.0%	-100.0%
Gadwall	48.6	279.0	159.7	8.8	496.1	522.4	822.6	386.3	-5.0%	-39.7%	28.4%
Am. wigeon	19.7	29.7	17.0	1.4	67.8	65.3	78.8	46.4	3.9%	-13.9%	46.2%
Am. green-winged teal	7.3	26.6	28.0	0.0	62.0	40.6	60.8	37.1	52.7%	1.9%	67.1%
Blue-winged teal	95.4	592.6	336.3	57.8	1082.2	953.0	1636.3	887.0	13.6%	-33.9%	22.0%
N. shoveler	43.4	195.3	100.1	11.4	350.2	429.4	485.2	281.0	-18.4%	-27.8%	24.6%
N. pintail	39.2	118.3	54.7	3.6	215.8	212.8	294.3	333.6	1.4%	-26.7%	-35.3%
Subtotal	412.4	1879.5	1089.0	140.6	3521.5	3294.7	4650.7	2602.1	6.9%	-24.3%	35.3%
Divers											
Redhead	3.3	71.6	37.7	1.7	114.3	103.9	209.9	136.1	10.0%	-45.6%	-16.0%
Canvasback	1.8	23.0	3.5	0.0	28.4	27.9	42.5	29.7	1.8%	-33.1%	-4.5%
Scaups	3.8	59.4	56.3	0.0	119.6	105.0	139.9	75.6	13.9%	-14.5%	58.1%
Ring-necked duck	4.4	1.0	0.3	0.0	5.7	9.6	11.6	8.3	-40.1%	-50.6%	-30.9%
Goldeneyes	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2		-100.0%	-100.0%
Bufflehead	0.6	0.0	1.0	0.0	1.6	0.3	1.9	1.3	513.1%	-17.9%	19.3%
Ruddy Duck	18.7	66.8	50.0	4.2	139.7	138.1	160.0	95.9	1.2%	-12.6%	45.6%
Subtotal	32.6	221.8	148.9	5.9	409.3	384.6	565.9	347.2	6.4%	-27.7%	17.9%
Miscellaneous											
Long-tailed duck	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
Eiders	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
Scoters	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			-100.0%
Mergansers	0.0	0.0	0.0	0.0	0.0	0.9	1.2	0.8	-100.0%	-100.0%	-100.0%
Subtotal	0.0	0.0	0.0	0.0	0.0	0.9	1.2	0.8	-100.0%	-100.0%	-100.0%
Total Ducks	445.1	2101.3	1237.9	146.5	3930.8	3680.3	5217.8	2950.2	6.8%	-24.7%	33.2%
Canada Goose	19.8	132.4	79.5	0.9	232.6	239.8	137.0	36.1	-3.0%	69.8%	544.1%
Am. coot	9.6	48.3	38.5	7.4	103.8	84.4	697.3	390.8	23.0%	-85.1%	-73.4%
Ponds	125.5	412.5	225.2	48.3	811.5	761.1	948.9	736.0	6.6%	-14.5%	10.3%

Table 5. Long-term trend in adjusted May pond estimates (thousands) by stratum with comparisons against the previous year, the previous 10-year mean, and the long-term mean (from 1974) for North Dakota. Estimates prior to 1974 were not adjusted for visibility bias.

	Stratum (2006)									
Year	43	45	46	47	Total					
1961	11.8	38.2	26.3	9.6	85.8					
1962	25.5	132.6	97.1	17.4	272.6					
1963	41.6	206.2	150.9	17.4	416.1					
1964	29.4	107.2	41.4	10.4	188.5					
1965	51.3	199.4	103.8	13.9	368.4					
1966	55.7	265.5	182.9	36.5	540.6					
1967	50.1	311.7	168.8	29.9	560.6					
1968	54.0	141.1	109.9	11.7	316.8					
1969	89.5	326.2	169.9	31.6	617.2					
1970	101.5	473.0	152.4	29.2	756.1					
1971	109.4	365.5	87.4	17.0	579.3					
1972	130.9	338.2	148.0	35.3	652.4					
1973	88.4	167.4	54.0	11.8	321.6					
1974	64.7	950.9	179.3	57.3	1252.2					
1975	104.9	703.4	286.0	41.4	1135.8					
1976	84.0	505.1	221.8	37.4	848.2					
1977	88.2	179.2	60.1	12.8	340.3					
1978 1979	123.7 87.0	304.2 447.4	195.2 268.5	14.2 32.9	637.3 835.8					
1979	65.4	179.5	89.4	11.1	345.5					
1981	70.3	208.4	55.2	9.7	343.5					
1982	140.5	443.2	183.4	19.0	786.0					
1983	80.0	398.1	147.5	23.3	648.9					
1984	113.9	554.6	269.2	27.7	965.4					
1985	115.9	355.5	126.6	17.6	614.6					
1986	120.0	381.2	201.7	25.8	728.8					
1987	134.5	281.2	170.4	15.1	601.1					
1988	94.7	135.4	74.8	8.7	313.6					
1989	116.4	198.6	117.5	15.5	448.0					
1990	72.8	64.9	39.5	8.0	185.2					
1991	72.4	59.1	36.1	7.7	175.3					
1992	119.6	146.7	47.9	9.4	323.6					
1993	106.4	167.3	163.0	18.4	455.1					
1994	203.2	412.0	275.5	27.9	918.7					
1995	197.0	581.6	348.0	34.1	1160.6					
1996	193.9	545.0	386.1	55.8	1180.7					
1997	163.0	558.8	393.3	42.4	1157.6					
1998	159.4	462.4	359.0	64.0	1044.8					
1999	137.5	895.5	361.3	45.6	1439.9					
2000	105.1	363.2	242.4	23.6	734.3					
2001	86.2	414.9	222.1	26.9	750.2					
2002	96.4	373.7	192.5	19.9	682.5					
2003	107.0	499.4	277.1	49.5	933.1					
2004	159.3	455.4	163.8	26.0	804.5					
2005	184.7	373.2	174.9	28.2	761.1					
2006	125.5	412.5	225.2	48.3	811.5					
10-year Mean	139.3	494.2	277.3	38.2	948.9					
Long-term Mean	117.7	393.7	197.8	26.8	736.0					
Percent Change:										
From 2005	-32.1%	10.5%	28.7%	71.1%	6.6%					
From 10-year Mean	-9.9%	-16.5%	-18.8%	26.5%	-14.5%					
From Long-term Mean	6.6%	4.8%	13.8%	80.4%	10.3%					

Table 6. Survey design for North Dakota, May 2006.

St	ratı	ım
. 11	וחונ	41 I I

	43	45	46	47	Total
Survey design Square miles in stratum Square miles in sample Linear miles in sample Number of transects in sample Number of segments in sample Expansion factor	19,835	26,625	14,238	7,821	68,519
	175.5	310.5	270.0	45.0	801.0
	702	1,242	1,080	180	3,204
	5	7	8	6	26
	39	69	60	10	178
	113.0199	85.7487	52.7333	173.8000	
Current year coverage Square miles in sample Linear miles in sample Number of transects in sample Number of segments in sample Expansion factor	175.5	310.5	270.0	45.0	801.0
	702	1,188	1,080	180	3,204
	5	7	8	6	26
	39	69	60	10	178
	113.0199	85.7487	52.7333	173.8000	

 $Appendix\ 2.\ Long-term\ trend\ in\ adjusted\ waterfowl\ breeding\ population\ estimates\ (thousands)\ in\ North\ Dakota.$

Ducks	Duchs	Species/Ponds	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967
Dabbuss	Dabble's Maillard 402,4 162,2 288,5 225,9 238,1 512,8 271,1 430,2 507,1 545,0 Am. black duck 0.0	•										
Amb black duck 0.0	Amb black duck 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 26.4 226.8 226.8 226.8 226.9 226.9 23.0 Am. preen-winged teal 4.5 0.0 0.0 0.0 0.0 0.8 0.0 22.0 0.0 3.3 60.0 9.0 2.5 0.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 0.0 2.0 2.0 2.0 0.0 2.0 </td <td></td>											
Amb black duck 0.0	Amb black duck 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 26.4 226.8 226.8 226.8 226.9 226.9 23.0 Am. preen-winged teal 4.5 0.0 0.0 0.0 0.0 0.8 0.0 22.0 0.0 3.3 60.0 9.0 2.5 0.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 0.0 2.0 2.0 2.0 0.0 2.0 </td <td>Mallard</td> <td>402.4</td> <td>162.2</td> <td>288.5</td> <td>225.9</td> <td>238.1</td> <td>512.8</td> <td>271.1</td> <td>430.2</td> <td>507.1</td> <td>545.0</td>	Mallard	402.4	162.2	288.5	225.9	238.1	512.8	271.1	430.2	507.1	545.0
Gadwall 44,8 134,8 85,2 59,4 156,2 21,8 80,0 220,8 29,0 21,6 27,2 40,6 29,0 18,6 27,9 Am, green-winged teal 4,5 0,0 0,0 6,8 0,0 2,2 0,0 3,3 0,0 2,9 18,1 27,9 2,9 18,1 2,7 24,9 24,0 18,2 104,1 110,1 110,1 110,1 110,1 110,1 110,1 110,1 110,1 110,1 110,1 110,1 110,1 110,1 110,1 110,1 110,1 110,1 110,1 110,1 113,1 15,3 88,9 39,3 19,2 174,2 190,0 53,6 62,5 20,0 100,0 </td <td> Camburs Aut</td> <td>Am. black duck</td> <td></td>	Camburs Aut	Am. black duck										
MB Bine-winged teal 4.5 0.0 0.0 6.8 0.0 2.2 0.0 3.3 6.09 26.9 Bine-winged teal 52.87 31.64 51.95 51.95 57.55 52.0 68.66 58.45 91.53 289.4 403.4 403.8 N. pintali 330.4 62.8 632.7 42.94 42.6 320.7 320.3 478.6 495.3 544.9 49.0 40.0 320.7 320.3 478.6 495.3 544.9 49.0 40.0 40.0 320.7 320.3 478.6 495.3 544.9 49.0 40.0 40.0 320.7 320.3 478.6 495.3 544.9 49.0 40	Man. green-winged teal 4.5 0.0 0.0 6.8 0.0 2.2 0.0 3.3 60.9 26.9 10.1 N. shoveler 62.9 45.3 184.8 106.8 271.5 221.0 102.8 289.4 290.4 403.8 N. pintall 339.3 62.5 1733.4 941.4 1854.5 197.5 21.0 102.8 289.4 290.4 403.8 N. pintall 3398.3 625.0 1733.4 941.4 1854.5 197.5 127.0 2347.6 2683.5 2870.8 10.0	Gadwall	44.8			56.4	156.2	213.8	86.0	226.8	269.5	
Blue-winged teal 5287 3164 5195 2956 755.2 686.6 584.5 913.5 041.7 1106.1 N. shoveler 62.9 43.5 184.8 106.8 271.5 221.0 102.8 289.3 49.4 49.4 N. pintali 330.4 62.8 62.7 244.9 429.6 320.7 230.3 478.6 495.3 544.9 Subtotal 3398.3 625.0 1733.4 491.4 1854.5 197.5 1279.2 2347.6 2683.5 2870.8 Divers 10.5 10.5 10.5 10.5 10.5 10.5 10.5 Divers 10.5 10.5 10.5 10.5 10.5 10.5 10.5 Divers 10.5 10.5 10.5 10.5 10.5 10.5 10.5 10.5 Divers 10.5 10.5 10.5 10.5 10.5 10.5 10.5 Divers 10.5 10.5 10.5 10.5 10.5 10.5 10.5 10.5 Divers 10.5 10.5 10.5 10.5 10.5 10.5 10.5 10.5 10.5 Divers 10.5	Blue-wingel teal \$28,7 \$3164 \$5195 \$295.6 \$755.2 \$68.6 \$684.5 \$913.5 \$1041.7 \$1106.1 \$N. shovelper \$62.9 \$45.3 \$184.8 \$106.8 \$271.5 \$221.0 \$201.8 \$289.0 \$403.8 \$3.5 \$1.5 \$	Am. wigeon	24.7	24.9	22.8	5.0	3.8	16.4	4.6	5.9	18.6	27.9
Blue-winged real 528.7 316.4 519.5 295.6 755.2 686.6 584.5 913.5 1041.7 1106.1 N. shoveler 62.9 43.5 184.8 106.8 271.5 221.0 102.8 289.3 294.6 N. pintali 330.4 62.8 63.7 244.9 429.6 330.7 230.3 478.6 495.3 544.9 Subtotal 330.3 625.0 173.4 414.4 185.5 577.5 221.0 277.2 2347.6 2683.5 2870.8 Divers 10.5 10.5 10.5 10.5 Editleded 34.1 15.3 88.9 39.3 91.2 97.4 58.5 117.1 203.1 163.1 Carvashack 30.7 6.9 13.2 31.1 2.2 14.7 17.2 19.0 35.6 25.5 Scaups 11.7 22.1 40.7 18.3 77.7 15.1 3.0 140.0 15.5 22.5 Ring-necked duck 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 Goldeneyes 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 Ruddy Duck 1.6 23.8 44.3 23.3 27.5 182.2 54.4 90.0 30.4 41.8 Subtotal 78.1 68.1 190.0 84.0 1918.6 146.5 84.1 193.3 309.4 233.6 Miscellaneous Long-tained duck 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 Eiders 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 Eiders 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 Eiders 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 Mergamsers 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 Subtotal 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 Total Ducks 1476.4 693.1 197.3 197.4 197.5 197.6 197.7 Enabelies 198.8 1969 1970 1971 1972 1973 1974 1975 1976 1977 Ducks 198.8 196.9 1970 1971 1972 1973 1974 1975 1976 1977 Ducks 198.8 196.9 1970 1971 1972 1973 1974 1975 1976 1977 1976 1977 1976 1977 1976 1977 1976 1977 1976 1977 1976 1977 1976 1977 1976 1977 1978	Blue-wingel teal 528,7 316.4 519.5 295.6 755.2 586.6 584.5 913.5 1041.7 1106.1 N. shoveler 62.9 43.5 184.8 108.6 271.5 221.0 102.8 289.0 403.8 N. pintali 330.4 62.8 625.0 1733.4 429.6 320.7 230.3 478.6 495.3 544.9 Subtroial 138.3 625.0 1733.4 414.4 184.5 1973.5 1973.2 237.6 268.5 2878.8 Britanti	Am. green-winged teal	4.5	0.0	0.0	6.8	0.0	2.2	0.0	3.3	60.9	26.9
N. pintalia	N. pintali 3304 62.8 632.7 244.9 429.6 320.7 230.3 478.6 495.3 544.9 Subtotal 1398.3 52.5 173.4 491.4 185.5 577.5 1279.2 2347.6 2878.5 2870.8 Divers 1.		528.7	316.4	519.5	295.6	755.2	686.6	584.5	913.5	1041.7	1106.1
Name	Subtoral 1398.3 625.0 1733.4 941.4 1854.5 1973.5 1279.2 2347.6 2683.5 2870.8 Divers Redhead 34.1 15.3 88.9 39.3 91.2 97.4 58.5 117.1 2031. 163.1 Camvasback 30.7 60.9 13.2 3.1 22.2 14.7 17.2 1910 35.6 265.5 Scaups 11.7 22.1 40.7 18.3 77.7 15.1 3.0 14.0 15.5 22.1 Ring-necked duck 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 Bufflehead 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 Bufflehead 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 Bufflehead 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 Bufflehead 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 Bufflehead 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 Bufflehead 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 Bufflehead 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 Subtoral 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 Subtoral 0.0	N. shoveler	62.9	45.3	184.8	106.8	271.5	221.0	102.8	289.4	290.4	403.8
Divers Redhead 34.1 15.3 88.9 39.3 91.2 97.4 58.5 117.1 203.1 163.1 Canvasback 30.7 6.9 13.2 3.1 2.2 14.7 17.2 19.0 53.6 26.5 Scaups 11.7 22.1 40.7 18.3 77.7 15.1 30.0 14.0 15.5 22.1 Ring-necked duck 0.0	Divers Redhead	N. pintail	330.4	62.8	632.7	244.9	429.6	320.7	230.3	478.6	495.3	544.9
Redheal	Rednead	Subtotal	1398.3	625.0	1733.4	941.4	1854.5	1973.5	1279.2	2347.6	2683.5	2870.8
Camusaback 30,7 6,9 13,2 3,1 2,2 14,7 17,2 19,0 53,6 26,5 55 50,5 11,7 21,1 40,7 18,3 77,7 15,1 3,0 14,0 15,5 22,1 18,1 19,1 19,5 19,5 10,5	Camusaback 30.7 6.9 13.2 3.1 2.2 14.7 17.2 19.0 53.6 26.5 Scaups 11.7 22.1 40.7 18.3 77.7 15.1 3.0 14.0 15.5 22.1 Ring-necked duck 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 2.5 0.0 Coldeneyes 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 Bufflehead 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 Ruddy Duck 1.6 23.8 44.3 23.3 27.5 18.2 5.4 9.0 33.4 41.8 Subtoal 78.1 68.1 190.0 84.0 198.6 146.3 84.1 159.3 30.94 253.6 Miscellaneous 1.0 1.0 1.0 1.0 Miscellaneous 1.0 1.0 1.0 1.0 1.0 Eiders 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 Eiders 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 Mergansers 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 Subtoral 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 Subtoral 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 Mergansers 0.0	Divers										
Seques	Seques	Redhead	34.1	15.3	88.9	39.3	91.2	97.4	58.5	117.1	203.1	163.1
Ring-necked duck 0.0	Ring-necked duck	Canvasback	30.7	6.9	13.2	3.1	2.2	14.7	17.2	19.0	53.6	26.5
Goldeneyes 0.0 25.6 44.8 25.6 49.0 33.4 41.8 25.6 Moscellaneous Long-tailed dtuck 0.0	Goldeneyes	Scaups	11.7	22.1	40.7	18.3	77.7	15.1	3.0	14.0	15.5	22.1
Buffehead Qu	Buffiehead Quo	Ring-necked duck	0.0	0.0	2.9	0.0	0.0	0.9	0.0	0.0	2.5	0.0
Ruddy Duck 1.6 23.8 44.3 23.3 27.5 18.2 5.4 19.0 33.4 25.6 Subtotal 78.1 68.1 190.0 84.0 198.6 146.3 84.1 159.3 309.4 253.6 Miscellaneous	Ruddy Duck 1.6 2.3 k 4.4 k 190.0 198.6 196.5 146.3 84.1 159.3 309.4 253.6 Miscellaneous 100	Goldeneyes	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	0.0
Septical Horist Horis	Miscellaneous	Bufflehead	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.1	0.0
Miscellaneous	Miscellaneous	Ruddy Duck	1.6	23.8	44.3	23.3	27.5	18.2	5.4	9.0	33.4	41.8
Long-tailed duck	Long-tailed duck	Subtotal	78.1	68.1	190.0	84.0	198.6	146.3	84.1	159.3	309.4	253.6
Eliders	Eliders	Miscellaneous										
Scoters	Section	Long-tailed duck	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Mergansers 0.0 0.0 0.0 0.0 0.0 0.0 0.2 0.0 0.2 0.0 0.2 0.0 Subtotal 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.2 0.0 0.2 0.0 Total Ducks 1476.4 693.1 1923.4 1025.5 2053.1 2120.0 1363.3 2507.2 2993.2 3124.4 Canada Goose 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.1 0.1 0.0 Am. coot 59.0 94.4 82.0 51.1 104.0 47.4 14.2 93.8 150.5 2033.8 Ponds	Mergansers 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.2 0.0 0.2 0.0 0.0 Subtotal 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.2 0.0 0.0 Total Ducks 1476.4 693.1 1923.4 1025.5 2053.1 2120.0 1363.3 2507.2 2993.2 3124.4 Canada Goose 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.1 0.1 0.0 Am. coot 590 94.4 82.0 51.1 104.0 47.4 14.2 93.8 150.5 Species/Ponds 1968 1969 1970 1971 1972 1973 1974 1975 1976 1977 Ducks Dabblers	Eiders	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Note	Subtotal 0,0 0,0 0,0 0,0 0,0 0,0 0,0 0,0 0,0 20,0 20,0 20,2 20,3 20,2 20,3 20,2 20,3 20,3 20,2 20,3 20,3 20,2 20,3 20,3	Scoters	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Ducks	Total Ducks	Mergansers	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.2	0.2	0.0
Canada Goose	Canada Goose	Subtotal	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.2	0.2	0.0
Am. coot	Am. coot	Total Ducks	1476.4	693.1	1923.4	1025.5	2053.1	2120.0	1363.3	2507.2	2993.2	3124.4
Ponds	Ponds Ponds Ponds Pond	Canada Goose	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0
Species/Ponds 1968 1969 1970 1971 1972 1973 1974 1975 1976 1977	Species/Ponds 1968 1969 1970 1971 1972 1973 1974 1975 1976 1977	Am. coot	59.0	94.4	82.0	51.1	104.0	47.4	14.2	93.8	150.5	203.3
Ducks	Ducks	Ponds										
Ducks	Ducks											
Dabblers Mallard 434.6 462.6 736.6 769.3 674.0 547.2 458.4 566.5 368.0 292.1 Am. black duck 0.0	Dabblers Mallard 434.6 462.6 736.6 769.3 674.0 547.2 458.4 566.5 368.0 292.1 Am. black duck 0.0	Species/Ponds	1968	1060	1970	1071	1072	1073	1974	1975	1976	1977
Mallard 434.6 462.6 736.6 769.3 674.0 547.2 458.4 566.5 368.0 292.1 Am. black duck 0.0	Mallard 434.6 462.6 736.6 769.3 674.0 547.2 458.4 566.5 368.0 292.1 Am. black duck 0.0	•	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977
Am. black duck 0.0	Am. black duck 0.0 44.1 72.8 62.3 31.7 7.4 1.0 8.0 75.0 59.4 17.4 7.4 4.0 1.0 8.0 9.2 1.1 7.4 7.4 4.1 1.1 1.1 1.4 7.4 4.0 1.2 1.1 4.5 6.0 9.2 1.1 1.1 5.0 9.2 1.1 1.2 1.1	Ducks	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977
Gadwall 352.9 323.1 373.9 372.2 353.6 223.2 213.6 330.1 76.5 103.0 Am. wigeon 8.3 40.5 30.0 28.1 29.1 36.0 44.1 72.8 62.3 31.7 Am. green-winged teal 12.4 67.0 138.6 23.4 51.0 38.0 75.0 59.4 17.4 7.4 Blue-winged teal 749.7 902.9 712.7 1238.1 780.3 588.7 1171.3 1051.4 357.0 282.2 N. shoveler 194.8 304.0 454.9 219.4 289.9 129.7 219.5 225.2 89.7 71.2 N. pintail 169.4 693.7 831.6 690.0 749.1 257.1 487.1 455.6 208.6 91.1 Subtotal 192.2 2793.9 3278.5 3340.4 2926.9 1819.9 2669.0 2761.1 1179.5 878.6 Divers 2 273.3 328.2	Gadwall Am. wigeon 352.9 323.1 373.9 372.2 353.6 223.2 213.6 330.1 76.5 103.0 Am. wigeon 8.3 40.5 30.0 28.1 29.1 36.0 44.1 72.8 62.3 31.7 Am. green-winged teal 12.4 67.0 138.6 23.4 51.0 38.0 75.0 59.4 17.4 7.4 Blue-winged teal 749.7 902.9 712.7 1238.1 780.3 588.7 1171.3 1051.4 357.0 282.2 N. shoveler 194.8 304.0 454.9 219.4 289.9 129.7 219.5 225.2 89.7 71.2 N. pintail 169.4 693.7 831.6 690.0 749.1 257.1 487.1 455.6 208.6 91.1 Subtotal 1922.2 2793.9 3278.5 3340.4 2926.9 1819.9 2669.0 256.1 119.5 876.6 Bubtotal 93.3 177.1 153.	Ducks Dabblers										
Am. wigeon 8.3 40.5 30.0 28.1 29.1 36.0 44.1 72.8 62.3 31.7 Am. green-winged teal 12.4 67.0 138.6 23.4 51.0 38.0 75.0 59.4 17.4 7.4 Blue-winged teal 749.7 902.9 712.7 1238.1 780.3 588.7 1171.3 1051.4 357.0 282.2 N. shoveler 194.8 304.0 454.9 219.4 289.9 129.7 219.5 225.2 89.7 71.2 N. pintail 169.4 693.7 831.6 690.0 749.1 257.1 487.1 455.6 208.6 91.1 Subtotal 1922.2 2793.9 3278.5 3340.4 2926.9 181.9 2669.0 2761.1 117.5 878.6 Divers 8 24.7 14.7 30.2 28.5 63.0 39.3 15.3 10.9 Canvasback 17.3 58.9 24.7 14.7 30.2<	Am. wigeon 8.3 40.5 30.0 28.1 29.1 36.0 44.1 72.8 62.3 31.7 Am. green-winged teal 12.4 67.0 138.6 23.4 51.0 38.0 75.0 59.4 17.4 7.4 Blue-winged teal 749.7 902.9 712.7 1238.1 780.3 588.7 1171.3 1051.4 357.0 282.2 N. shoveler 194.8 304.0 454.9 219.4 289.9 129.7 219.5 225.2 89.7 71.2 N. pintail 169.4 693.7 831.6 690.0 749.1 257.1 487.1 455.6 208.6 91.1 Subtotal 1922.2 2793.9 3278.5 123.7 126.9 94.6 110.7 214.8 63.6 91.9 Divers 846head 93.3 177.1 153.5 123.7 126.9 94.6 110.7 214.8 63.6 31.9 Canvasback 17.3 358.9 <td< td=""><td>Ducks Dabblers Mallard</td><td>434.6</td><td>462.6</td><td>736.6</td><td>769.3</td><td>674.0</td><td>547.2</td><td>458.4</td><td>566.5</td><td>368.0</td><td>292.1</td></td<>	Ducks Dabblers Mallard	434.6	462.6	736.6	769.3	674.0	547.2	458.4	566.5	368.0	292.1
Am. green-winged teal 12.4 67.0 138.6 23.4 51.0 38.0 75.0 59.4 17.4 7.4 Blue-winged teal 749.7 902.9 712.7 1238.1 780.3 588.7 1171.3 1051.4 357.0 282.2 N. shoveler 194.8 304.0 454.9 219.4 289.9 129.7 219.5 225.2 89.7 71.2 N. pintail 169.4 693.7 831.6 690.0 749.1 257.1 487.1 455.6 208.6 91.1 Subtotal 1922.2 2793.9 3278.5 3340.4 2926.9 1819.9 2669.0 2761.1 1179.5 878.6 Divers 8 17.3 58.9 24.7 14.7 30.2 28.5 63.0 39.3 15.3 10.3 Scaups 16.6 36.3 28.3 28.2 30.4 41.9 37.3 70.3 54.1 19.7 Goldeneyes 0.0 0.6 2.8	Am. green-winged teal 12.4 67.0 138.6 23.4 51.0 38.0 75.0 59.4 17.4 7.4 Blue-winged teal 749.7 902.9 712.7 1238.1 780.3 588.7 1171.3 1051.4 357.0 282.2 N. shoveler 194.8 304.0 454.9 219.4 289.9 129.7 219.5 225.2 89.7 71.2 N. pintail 169.4 693.7 831.6 690.0 749.1 257.1 487.1 455.6 208.6 91.1 Subtotal 1922.2 2793.9 3278.5 3340.4 2926.9 1819.9 2669.0 2761.1 1179.5 878.6 Divers 8 24.7 14.7 30.2 28.5 63.0 39.3 15.3 10.3 Canvasback 17.3 58.9 24.7 14.7 30.2 28.5 63.0 39.3 15.3 10.3 Scaups 16.6 36.3 28.3 28.2 30.4 </td <td>Ducks Dabblers Mallard Am. black duck</td> <td>434.6 0.0</td> <td>462.6 0.0</td> <td>736.6 0.0</td> <td>769.3 0.0</td> <td>674.0 0.0</td> <td>547.2 0.0</td> <td>458.4 0.0</td> <td>566.5 0.0</td> <td>368.0 0.0</td> <td>292.1 0.0</td>	Ducks Dabblers Mallard Am. black duck	434.6 0.0	462.6 0.0	736.6 0.0	769.3 0.0	674.0 0.0	547.2 0.0	458.4 0.0	566.5 0.0	368.0 0.0	292.1 0.0
Blue-winged teal 749.7 902.9 712.7 1238.1 780.3 588.7 1171.3 1051.4 357.0 282.2 N. shoveler 194.8 304.0 454.9 219.4 289.9 129.7 219.5 225.2 89.7 71.2 N. pintail 169.4 693.7 831.6 690.0 749.1 257.1 487.1 455.6 208.6 91.1 Subtotal 1922.2 2793.9 3278.5 3340.4 2926.9 1819.9 2669.0 2761.1 1179.5 878.6 Divers 8 173.3 58.9 24.7 14.7 30.2 28.5 63.0 39.3 15.3 10.3 Scaups 16.6 36.3 28.3 28.2 30.4 41.9 37.3 70.3 54.1 19.7 Ring-necked duck 0.0 0.6 2.8 1.1 0.7 0.0 0.6 1.2 1.1 1.4 Goldeneyes 0.0 0.0 0.0 1	Blue-winged teal 749.7 902.9 712.7 1238.1 780.3 588.7 1171.3 1051.4 357.0 282.2 N. shoveler 194.8 304.0 454.9 219.4 289.9 129.7 219.5 225.2 89.7 71.2 N. pintail 169.4 693.7 831.6 690.0 749.1 257.1 487.1 455.6 208.6 91.1 Subtotal 1922.2 2793.9 3278.5 3340.4 2926.9 181.9 2669.0 2761.1 117.5 878.6 Divers 8 17.3 58.9 24.7 14.7 30.2 28.5 63.0 39.3 15.3 10.3 Canvasback 17.3 58.9 24.7 14.7 30.2 28.5 63.0 39.3 15.3 10.3 Scaups 16.6 36.3 28.3 28.2 30.4 41.9 37.3 70.3 54.1 19.7 Ring-necked duck 0.0 0.0 0.0	Ducks Dabblers Mallard Am. black duck Gadwall	434.6 0.0 352.9	462.6 0.0 323.1	736.6 0.0 373.9	769.3 0.0 372.2	674.0 0.0 353.6	547.2 0.0 223.2	458.4 0.0 213.6	566.5 0.0 330.1	368.0 0.0 76.5	292.1 0.0 103.0
N. shoveler 194.8 304.0 454.9 219.4 289.9 129.7 219.5 225.2 89.7 71.2 N. pintail 169.4 693.7 831.6 690.0 749.1 257.1 487.1 455.6 208.6 91.1 Subtotal 1922.2 2793.9 3278.5 3340.4 2926.9 1819.9 2669.0 2761.1 1179.5 878.6 Divers Redhead 93.3 177.1 153.5 123.7 126.9 94.6 110.7 214.8 63.6 31.9 Canvasback 17.3 58.9 24.7 14.7 30.2 28.5 63.0 39.3 15.3 10.3 Scaups 16.6 36.3 28.3 28.2 30.4 41.9 37.3 70.3 54.1 19.7 Ring-necked duck 0.0 0.6 2.8 1.1 0.7 0.0 0.6 1.2 1.1 1.4 Goldeneyes 0.0 0.0 1.8 <	N. shoveler 194.8 304.0 454.9 219.4 289.9 129.7 219.5 225.2 89.7 71.2 N. pintail 169.4 693.7 831.6 690.0 749.1 257.1 487.1 455.6 208.6 91.1 Subtotal 1922.2 2793.9 3278.5 3340.4 2926.9 1819.9 2669.0 2761.1 1179.5 878.6 Divers 831.6 690.0 1819.9 2669.0 2761.1 1179.5 878.6 Bedhead 93.3 177.1 153.5 123.7 126.9 94.6 110.7 214.8 63.6 31.9 Canvasback 17.3 58.9 24.7 14.7 30.2 28.5 63.0 39.3 15.3 10.3 Scaups 16.6 36.3 28.3 28.2 30.4 41.9 37.3 70.3 54.1 19.7 Ring-necked duck 0.0 0.6 2.8 1.1 0.7 0.0 0.6 <t< td=""><td>Ducks Dabblers Mallard Am. black duck Gadwall Am. wigeon</td><td>434.6 0.0 352.9 8.3</td><td>462.6 0.0 323.1 40.5</td><td>736.6 0.0 373.9 30.0</td><td>769.3 0.0 372.2 28.1</td><td>674.0 0.0 353.6 29.1</td><td>547.2 0.0 223.2 36.0</td><td>458.4 0.0 213.6 44.1</td><td>566.5 0.0 330.1 72.8</td><td>368.0 0.0 76.5 62.3</td><td>292.1 0.0 103.0 31.7</td></t<>	Ducks Dabblers Mallard Am. black duck Gadwall Am. wigeon	434.6 0.0 352.9 8.3	462.6 0.0 323.1 40.5	736.6 0.0 373.9 30.0	769.3 0.0 372.2 28.1	674.0 0.0 353.6 29.1	547.2 0.0 223.2 36.0	458.4 0.0 213.6 44.1	566.5 0.0 330.1 72.8	368.0 0.0 76.5 62.3	292.1 0.0 103.0 31.7
N. pintail 169.4 693.7 831.6 690.0 749.1 257.1 487.1 455.6 208.6 91.1 Subtotal 1922.2 2793.9 3278.5 3340.4 2926.9 1819.9 2669.0 2761.1 1179.5 878.6 Divers Redhead 93.3 177.1 153.5 123.7 126.9 94.6 110.7 214.8 63.6 31.9 Canvasback 17.3 58.9 24.7 14.7 30.2 28.5 63.0 39.3 15.3 10.3 Scaups 16.6 36.3 28.3 28.2 30.4 41.9 37.3 70.3 54.1 19.7 Ring-necked duck 0.0 0.6 2.8 1.1 0.7 0.0 0.6 1.2 1.1 1.4 Goldeneyes 0.0 0.0 0.0 1.1 0.0 0.0 0.0 0.0 0.0 Ruddy Duck 15.5 45.2 86.0 47.0 55.1	N. pintail 169.4 693.7 831.6 690.0 749.1 257.1 487.1 455.6 208.6 91.1 Subtotal 1922.2 2793.9 3278.5 3340.4 2926.9 1819.9 2669.0 2761.1 1179.5 878.6 Divers Septending	Ducks Dabblers Mallard Am. black duck Gadwall Am. wigeon Am. green-winged teal	434.6 0.0 352.9 8.3 12.4	462.6 0.0 323.1 40.5 67.0	736.6 0.0 373.9 30.0 138.6	769.3 0.0 372.2 28.1 23.4	674.0 0.0 353.6 29.1 51.0	547.2 0.0 223.2 36.0 38.0	458.4 0.0 213.6 44.1 75.0	566.5 0.0 330.1 72.8 59.4	368.0 0.0 76.5 62.3 17.4	292.1 0.0 103.0 31.7 7.4
Subtotal 1922.2 2793.9 3278.5 3340.4 2926.9 1819.9 2669.0 2761.1 1179.5 878.6 Divers Redhead 93.3 177.1 153.5 123.7 126.9 94.6 110.7 214.8 63.6 31.9 Canvasback 17.3 58.9 24.7 14.7 30.2 28.5 63.0 39.3 15.3 10.3 Scaups 16.6 36.3 28.3 28.2 30.4 41.9 37.3 70.3 54.1 19.7 Ring-necked duck 0.0 0.6 2.8 1.1 0.7 0.0 0.6 1.2 1.1 1.4 Goldeneyes 0.0 0.0 0.0 0.0 1.1 0.0 0.0 0.0 0.0 Bufflehead 0.0 0.0 1.8 0.0 2.6 0.5 0.0 0.0 0.7 0.0 Ruddy Duck 15.5 45.2 86.0 47.0 55.1 40.7 <td< td=""><td>Subtotal 1922.2 2793.9 3278.5 3340.4 2926.9 1819.9 2669.0 2761.1 1179.5 878.6 Divers Redhead 93.3 177.1 153.5 123.7 126.9 94.6 110.7 214.8 63.6 31.9 Canvasback 17.3 58.9 24.7 14.7 30.2 28.5 63.0 39.3 15.3 10.3 Scaups 16.6 36.3 28.3 28.2 30.4 41.9 37.3 70.3 54.1 19.7 Ring-necked duck 0.0 0.6 2.8 1.1 0.7 0.0 0.6 1.2 1.1 1.4 Goldeneyes 0.0 0.0 0.0 0.0 1.1 0.0 0.6 1.2 1.1 1.4 Goldeneyes 0.0 0.0 0.0 1.1 0.0 0.6 0.7 0.0 Ruddy Duck 15.5 45.2 86.0 47.0 55.1 40.7 167.0 <</td><td>Ducks Dabblers Mallard Am. black duck Gadwall Am. wigeon Am. green-winged teal Blue-winged teal</td><td>434.6 0.0 352.9 8.3 12.4 749.7</td><td>462.6 0.0 323.1 40.5 67.0 902.9</td><td>736.6 0.0 373.9 30.0 138.6 712.7</td><td>769.3 0.0 372.2 28.1 23.4 1238.1</td><td>674.0 0.0 353.6 29.1 51.0 780.3</td><td>547.2 0.0 223.2 36.0 38.0 588.7</td><td>458.4 0.0 213.6 44.1 75.0 1171.3</td><td>566.5 0.0 330.1 72.8 59.4 1051.4</td><td>368.0 0.0 76.5 62.3 17.4 357.0</td><td>292.1 0.0 103.0 31.7 7.4 282.2</td></td<>	Subtotal 1922.2 2793.9 3278.5 3340.4 2926.9 1819.9 2669.0 2761.1 1179.5 878.6 Divers Redhead 93.3 177.1 153.5 123.7 126.9 94.6 110.7 214.8 63.6 31.9 Canvasback 17.3 58.9 24.7 14.7 30.2 28.5 63.0 39.3 15.3 10.3 Scaups 16.6 36.3 28.3 28.2 30.4 41.9 37.3 70.3 54.1 19.7 Ring-necked duck 0.0 0.6 2.8 1.1 0.7 0.0 0.6 1.2 1.1 1.4 Goldeneyes 0.0 0.0 0.0 0.0 1.1 0.0 0.6 1.2 1.1 1.4 Goldeneyes 0.0 0.0 0.0 1.1 0.0 0.6 0.7 0.0 Ruddy Duck 15.5 45.2 86.0 47.0 55.1 40.7 167.0 <	Ducks Dabblers Mallard Am. black duck Gadwall Am. wigeon Am. green-winged teal Blue-winged teal	434.6 0.0 352.9 8.3 12.4 749.7	462.6 0.0 323.1 40.5 67.0 902.9	736.6 0.0 373.9 30.0 138.6 712.7	769.3 0.0 372.2 28.1 23.4 1238.1	674.0 0.0 353.6 29.1 51.0 780.3	547.2 0.0 223.2 36.0 38.0 588.7	458.4 0.0 213.6 44.1 75.0 1171.3	566.5 0.0 330.1 72.8 59.4 1051.4	368.0 0.0 76.5 62.3 17.4 357.0	292.1 0.0 103.0 31.7 7.4 282.2
Divers Redhead 93.3 177.1 153.5 123.7 126.9 94.6 110.7 214.8 63.6 31.9 Canvasback 17.3 58.9 24.7 14.7 30.2 28.5 63.0 39.3 15.3 10.3 Scaups 16.6 36.3 28.3 28.2 30.4 41.9 37.3 70.3 54.1 19.7 Ring-necked duck 0.0 0.6 2.8 1.1 0.7 0.0 0.6 1.2 1.1 1.4 Goldeneyes 0.0 </td <td>Divers Redhead 93.3 177.1 153.5 123.7 126.9 94.6 110.7 214.8 63.6 31.9 Canvasback 17.3 58.9 24.7 14.7 30.2 28.5 63.0 39.3 15.3 10.3 Scaups 16.6 36.3 28.3 28.2 30.4 41.9 37.3 70.3 54.1 19.7 Ring-necked duck 0.0 0.6 2.8 1.1 0.7 0.0 0.6 1.2 1.1 1.4 Goldeneyes 0.0 0.0 0.0 0.0 1.1 0.0 0.0 0.0 0.0 Bufflehead 0.0 0.0 1.8 0.0 2.6 0.5 0.0 0.0 0.0 0.0 Ruddy Duck 15.5 45.2 86.0 47.0 55.1 40.7 167.0 125.1 22.8 21.1 Subtotal 142.8 318.0 297.1 214.7 247.1 206.1 378.5</td> <td>Ducks Dabblers Mallard Am. black duck Gadwall Am. wigeon Am. green-winged teal Blue-winged teal N. shoveler</td> <td>434.6 0.0 352.9 8.3 12.4 749.7 194.8</td> <td>462.6 0.0 323.1 40.5 67.0 902.9 304.0</td> <td>736.6 0.0 373.9 30.0 138.6 712.7 454.9</td> <td>769.3 0.0 372.2 28.1 23.4 1238.1 219.4</td> <td>674.0 0.0 353.6 29.1 51.0 780.3 289.9</td> <td>547.2 0.0 223.2 36.0 38.0 588.7 129.7</td> <td>458.4 0.0 213.6 44.1 75.0 1171.3 219.5</td> <td>566.5 0.0 330.1 72.8 59.4 1051.4 225.2</td> <td>368.0 0.0 76.5 62.3 17.4 357.0 89.7</td> <td>292.1 0.0 103.0 31.7 7.4 282.2 71.2</td>	Divers Redhead 93.3 177.1 153.5 123.7 126.9 94.6 110.7 214.8 63.6 31.9 Canvasback 17.3 58.9 24.7 14.7 30.2 28.5 63.0 39.3 15.3 10.3 Scaups 16.6 36.3 28.3 28.2 30.4 41.9 37.3 70.3 54.1 19.7 Ring-necked duck 0.0 0.6 2.8 1.1 0.7 0.0 0.6 1.2 1.1 1.4 Goldeneyes 0.0 0.0 0.0 0.0 1.1 0.0 0.0 0.0 0.0 Bufflehead 0.0 0.0 1.8 0.0 2.6 0.5 0.0 0.0 0.0 0.0 Ruddy Duck 15.5 45.2 86.0 47.0 55.1 40.7 167.0 125.1 22.8 21.1 Subtotal 142.8 318.0 297.1 214.7 247.1 206.1 378.5	Ducks Dabblers Mallard Am. black duck Gadwall Am. wigeon Am. green-winged teal Blue-winged teal N. shoveler	434.6 0.0 352.9 8.3 12.4 749.7 194.8	462.6 0.0 323.1 40.5 67.0 902.9 304.0	736.6 0.0 373.9 30.0 138.6 712.7 454.9	769.3 0.0 372.2 28.1 23.4 1238.1 219.4	674.0 0.0 353.6 29.1 51.0 780.3 289.9	547.2 0.0 223.2 36.0 38.0 588.7 129.7	458.4 0.0 213.6 44.1 75.0 1171.3 219.5	566.5 0.0 330.1 72.8 59.4 1051.4 225.2	368.0 0.0 76.5 62.3 17.4 357.0 89.7	292.1 0.0 103.0 31.7 7.4 282.2 71.2
Redhead 93.3 177.1 153.5 123.7 126.9 94.6 110.7 214.8 63.6 31.9 Canvasback 17.3 58.9 24.7 14.7 30.2 28.5 63.0 39.3 15.3 10.3 Scaups 16.6 36.3 28.3 28.2 30.4 41.9 37.3 70.3 54.1 19.7 Ring-necked duck 0.0 0.6 2.8 1.1 0.7 0.0 0.6 1.2 1.1 1.4 Goldeneyes 0.0 0.0 0.0 0.0 1.1 0.0 0.0 0.0 0.0 Bufflehead 0.0 0.0 1.8 0.0 2.6 0.5 0.0 0.0 0.0 0.0 Ruddy Duck 15.5 45.2 86.0 47.0 55.1 40.7 167.0 125.1 22.8 21.1 Subtotal 142.8 318.0 297.1 214.7 247.1 206.1 378.5 450.7	Redhead 93.3 177.1 153.5 123.7 126.9 94.6 110.7 214.8 63.6 31.9 Canvasback 17.3 58.9 24.7 14.7 30.2 28.5 63.0 39.3 15.3 10.3 Scaups 16.6 36.3 28.3 28.2 30.4 41.9 37.3 70.3 54.1 19.7 Ring-necked duck 0.0 0.6 2.8 1.1 0.7 0.0 0.6 1.2 1.1 1.4 Goldeneyes 0.0	Ducks Dabblers Mallard Am. black duck Gadwall Am. wigeon Am. green-winged teal Blue-winged teal N. shoveler N. pintail	434.6 0.0 352.9 8.3 12.4 749.7 194.8 169.4	462.6 0.0 323.1 40.5 67.0 902.9 304.0 693.7	736.6 0.0 373.9 30.0 138.6 712.7 454.9 831.6	769.3 0.0 372.2 28.1 23.4 1238.1 219.4 690.0	674.0 0.0 353.6 29.1 51.0 780.3 289.9 749.1	547.2 0.0 223.2 36.0 38.0 588.7 129.7 257.1	458.4 0.0 213.6 44.1 75.0 1171.3 219.5 487.1	566.5 0.0 330.1 72.8 59.4 1051.4 225.2 455.6	368.0 0.0 76.5 62.3 17.4 357.0 89.7 208.6	292.1 0.0 103.0 31.7 7.4 282.2 71.2 91.1
Canvasback 17.3 58.9 24.7 14.7 30.2 28.5 63.0 39.3 15.3 10.3 Scaups 16.6 36.3 28.3 28.2 30.4 41.9 37.3 70.3 54.1 19.7 Ring-necked duck 0.0 0.6 2.8 1.1 0.7 0.0 0.6 1.2 1.1 1.4 Goldeneyes 0.0 0.0 0.0 1.1 0.0 </td <td>Canvasback 17.3 58.9 24.7 14.7 30.2 28.5 63.0 39.3 15.3 10.3 Scaups 16.6 36.3 28.3 28.2 30.4 41.9 37.3 70.3 54.1 19.7 Ring-necked duck 0.0 0.6 2.8 1.1 0.7 0.0 0.6 1.2 1.1 1.4 Goldeneyes 0.0 0.0 0.0 0.0 1.1 0.0 0.0 0.0 0.0 0.0 Bufflehead 0.0 0.0 1.8 0.0 2.6 0.5 0.0 0.0 0.0 0.0 Ruddy Duck 15.5 45.2 86.0 47.0 55.1 40.7 167.0 125.1 22.8 21.1 Subtotal 142.8 318.0 297.1 214.7 247.1 206.1 378.5 450.7 157.7 84.4 Miscellaneous Long-tailed duck 0.0 0.0 0.0 0.0 0.0 0.0</td> <td>Ducks Dabblers Mallard Am. black duck Gadwall Am. wigeon Am. green-winged teal Blue-winged teal N. shoveler N. pintail Subtotal</td> <td>434.6 0.0 352.9 8.3 12.4 749.7 194.8 169.4</td> <td>462.6 0.0 323.1 40.5 67.0 902.9 304.0 693.7</td> <td>736.6 0.0 373.9 30.0 138.6 712.7 454.9 831.6</td> <td>769.3 0.0 372.2 28.1 23.4 1238.1 219.4 690.0</td> <td>674.0 0.0 353.6 29.1 51.0 780.3 289.9 749.1</td> <td>547.2 0.0 223.2 36.0 38.0 588.7 129.7 257.1</td> <td>458.4 0.0 213.6 44.1 75.0 1171.3 219.5 487.1</td> <td>566.5 0.0 330.1 72.8 59.4 1051.4 225.2 455.6</td> <td>368.0 0.0 76.5 62.3 17.4 357.0 89.7 208.6</td> <td>292.1 0.0 103.0 31.7 7.4 282.2 71.2 91.1</td>	Canvasback 17.3 58.9 24.7 14.7 30.2 28.5 63.0 39.3 15.3 10.3 Scaups 16.6 36.3 28.3 28.2 30.4 41.9 37.3 70.3 54.1 19.7 Ring-necked duck 0.0 0.6 2.8 1.1 0.7 0.0 0.6 1.2 1.1 1.4 Goldeneyes 0.0 0.0 0.0 0.0 1.1 0.0 0.0 0.0 0.0 0.0 Bufflehead 0.0 0.0 1.8 0.0 2.6 0.5 0.0 0.0 0.0 0.0 Ruddy Duck 15.5 45.2 86.0 47.0 55.1 40.7 167.0 125.1 22.8 21.1 Subtotal 142.8 318.0 297.1 214.7 247.1 206.1 378.5 450.7 157.7 84.4 Miscellaneous Long-tailed duck 0.0 0.0 0.0 0.0 0.0 0.0	Ducks Dabblers Mallard Am. black duck Gadwall Am. wigeon Am. green-winged teal Blue-winged teal N. shoveler N. pintail Subtotal	434.6 0.0 352.9 8.3 12.4 749.7 194.8 169.4	462.6 0.0 323.1 40.5 67.0 902.9 304.0 693.7	736.6 0.0 373.9 30.0 138.6 712.7 454.9 831.6	769.3 0.0 372.2 28.1 23.4 1238.1 219.4 690.0	674.0 0.0 353.6 29.1 51.0 780.3 289.9 749.1	547.2 0.0 223.2 36.0 38.0 588.7 129.7 257.1	458.4 0.0 213.6 44.1 75.0 1171.3 219.5 487.1	566.5 0.0 330.1 72.8 59.4 1051.4 225.2 455.6	368.0 0.0 76.5 62.3 17.4 357.0 89.7 208.6	292.1 0.0 103.0 31.7 7.4 282.2 71.2 91.1
Scaups 16.6 36.3 28.3 28.2 30.4 41.9 37.3 70.3 54.1 19.7 Ring-necked duck 0.0 0.6 2.8 1.1 0.7 0.0 0.6 1.2 1.1 1.4 Goldeneyes 0.0 0.0 0.0 1.1 0.0 0.0 0.0 0.0 Bufflehead 0.0 0.0 1.8 0.0 2.6 0.5 0.0 0.0 0.7 0.0 Ruddy Duck 15.5 45.2 86.0 47.0 55.1 40.7 167.0 125.1 22.8 21.1 Subtotal 142.8 318.0 297.1 214.7 247.1 206.1 378.5 450.7 157.7 84.4 Miscellaneous Long-tailed duck 0.0 <	Scaups 16.6 36.3 28.3 28.2 30.4 41.9 37.3 70.3 54.1 19.7 Ring-necked duck 0.0 0.6 2.8 1.1 0.7 0.0 0.6 1.2 1.1 1.4 Goldeneyes 0.0 0.0 0.0 0.0 1.1 0.0 0.0 0.0 0.0 Bufflehead 0.0 0.0 1.8 0.0 2.6 0.5 0.0 0.0 0.7 0.0 Ruddy Duck 15.5 45.2 86.0 47.0 55.1 40.7 167.0 125.1 22.8 21.1 Subtotal 142.8 318.0 297.1 214.7 247.1 206.1 378.5 450.7 157.7 84.4 Miscellaneous 1 142.8 318.0 297.1 214.7 247.1 206.1 378.5 450.7 157.7 84.4 Miscellaneous 1 0.0 0.0 0.0 0.0 0.0 0.0	Ducks Dabblers Mallard Am. black duck Gadwall Am. wigeon Am. green-winged teal Blue-winged teal N. shoveler N. pintail Subtotal Divers	434.6 0.0 352.9 8.3 12.4 749.7 194.8 169.4 1922.2	462.6 0.0 323.1 40.5 67.0 902.9 304.0 693.7 2793.9	736.6 0.0 373.9 30.0 138.6 712.7 454.9 831.6 3278.5	769.3 0.0 372.2 28.1 23.4 1238.1 219.4 690.0 3340.4	674.0 0.0 353.6 29.1 51.0 780.3 289.9 749.1 2926.9	547.2 0.0 223.2 36.0 38.0 588.7 129.7 257.1 1819.9	458.4 0.0 213.6 44.1 75.0 1171.3 219.5 487.1 2669.0	566.5 0.0 330.1 72.8 59.4 1051.4 225.2 455.6 2761.1	368.0 0.0 76.5 62.3 17.4 357.0 89.7 208.6 1179.5	292.1 0.0 103.0 31.7 7.4 282.2 71.2 91.1 878.6
Ring-necked duck 0.0 0.6 2.8 1.1 0.7 0.0 0.6 1.2 1.1 1.4 Goldeneyes 0.0 0.0 0.0 1.1 0.0 0.0 0.0 0.0 0.0 Bufflehead 0.0 0.0 1.8 0.0 2.6 0.5 0.0 0.0 0.7 0.0 Ruddy Duck 15.5 45.2 86.0 47.0 55.1 40.7 167.0 125.1 22.8 21.1 Subtotal 142.8 318.0 297.1 214.7 247.1 206.1 378.5 450.7 157.7 84.4 Miscellaneous Long-tailed duck 0.0 <td>Ring-necked duck 0.0 0.6 2.8 1.1 0.7 0.0 0.6 1.2 1.1 1.4 Goldeneyes 0.0 0.0 0.0 0.0 1.1 0.0</td> <td>Ducks Dabblers Mallard Am. black duck Gadwall Am. wigeon Am. green-winged teal Blue-winged teal N. shoveler N. pintail Subtotal Divers Redhead</td> <td>434.6 0.0 352.9 8.3 12.4 749.7 194.8 169.4 1922.2</td> <td>462.6 0.0 323.1 40.5 67.0 902.9 304.0 693.7 2793.9</td> <td>736.6 0.0 373.9 30.0 138.6 712.7 454.9 831.6 3278.5</td> <td>769.3 0.0 372.2 28.1 23.4 1238.1 219.4 690.0 3340.4</td> <td>674.0 0.0 353.6 29.1 51.0 780.3 289.9 749.1 2926.9</td> <td>547.2 0.0 223.2 36.0 38.0 588.7 129.7 257.1 1819.9</td> <td>458.4 0.0 213.6 44.1 75.0 1171.3 219.5 487.1 2669.0</td> <td>566.5 0.0 330.1 72.8 59.4 1051.4 225.2 455.6 2761.1</td> <td>368.0 0.0 76.5 62.3 17.4 357.0 89.7 208.6 1179.5</td> <td>292.1 0.0 103.0 31.7 7.4 282.2 71.2 91.1 878.6</td>	Ring-necked duck 0.0 0.6 2.8 1.1 0.7 0.0 0.6 1.2 1.1 1.4 Goldeneyes 0.0 0.0 0.0 0.0 1.1 0.0	Ducks Dabblers Mallard Am. black duck Gadwall Am. wigeon Am. green-winged teal Blue-winged teal N. shoveler N. pintail Subtotal Divers Redhead	434.6 0.0 352.9 8.3 12.4 749.7 194.8 169.4 1922.2	462.6 0.0 323.1 40.5 67.0 902.9 304.0 693.7 2793.9	736.6 0.0 373.9 30.0 138.6 712.7 454.9 831.6 3278.5	769.3 0.0 372.2 28.1 23.4 1238.1 219.4 690.0 3340.4	674.0 0.0 353.6 29.1 51.0 780.3 289.9 749.1 2926.9	547.2 0.0 223.2 36.0 38.0 588.7 129.7 257.1 1819.9	458.4 0.0 213.6 44.1 75.0 1171.3 219.5 487.1 2669.0	566.5 0.0 330.1 72.8 59.4 1051.4 225.2 455.6 2761.1	368.0 0.0 76.5 62.3 17.4 357.0 89.7 208.6 1179.5	292.1 0.0 103.0 31.7 7.4 282.2 71.2 91.1 878.6
Goldeneyes 0.0 0.0 0.0 0.0 1.1 0.0 0.0 0.0 0.0 0.0 Bufflehead 0.0 0.0 1.8 0.0 2.6 0.5 0.0 0.0 0.7 0.0 Ruddy Duck 15.5 45.2 86.0 47.0 55.1 40.7 167.0 125.1 22.8 21.1 Subtotal 142.8 318.0 297.1 214.7 247.1 206.1 378.5 450.7 157.7 84.4 Miscellaneous Long-tailed duck 0.0 <t< td=""><td>Goldeneyes 0.0 0.0 0.0 0.0 1.1 0.0 0.0 0.0 0.0 0.0 Bufflehead 0.0 0.0 1.8 0.0 2.6 0.5 0.0 0.0 0.7 0.0 Ruddy Duck 15.5 45.2 86.0 47.0 55.1 40.7 167.0 125.1 22.8 21.1 Subtotal 142.8 318.0 297.1 214.7 247.1 206.1 378.5 450.7 157.7 84.4 Miscellaneous Long-tailed duck 0.0 <t< td=""><td>Ducks Dabblers Mallard Am. black duck Gadwall Am. wigeon Am. green-winged teal Blue-winged teal N. shoveler N. pintail Subtotal Divers Redhead Canvasback</td><td>434.6 0.0 352.9 8.3 12.4 749.7 194.8 169.4 1922.2 93.3 17.3</td><td>462.6 0.0 323.1 40.5 67.0 902.9 304.0 693.7 2793.9 177.1 58.9</td><td>736.6 0.0 373.9 30.0 138.6 712.7 454.9 831.6 3278.5</td><td>769.3 0.0 372.2 28.1 23.4 1238.1 219.4 690.0 3340.4 123.7 14.7</td><td>674.0 0.0 353.6 29.1 51.0 780.3 289.9 749.1 2926.9 126.9 30.2</td><td>547.2 0.0 223.2 36.0 38.0 588.7 129.7 257.1 1819.9 94.6 28.5</td><td>458.4 0.0 213.6 44.1 75.0 1171.3 219.5 487.1 2669.0 110.7 63.0</td><td>566.5 0.0 330.1 72.8 59.4 1051.4 225.2 455.6 2761.1 214.8 39.3</td><td>368.0 0.0 76.5 62.3 17.4 357.0 89.7 208.6 1179.5</td><td>292.1 0.0 103.0 31.7 7.4 282.2 71.2 91.1 878.6 31.9 10.3</td></t<></td></t<>	Goldeneyes 0.0 0.0 0.0 0.0 1.1 0.0 0.0 0.0 0.0 0.0 Bufflehead 0.0 0.0 1.8 0.0 2.6 0.5 0.0 0.0 0.7 0.0 Ruddy Duck 15.5 45.2 86.0 47.0 55.1 40.7 167.0 125.1 22.8 21.1 Subtotal 142.8 318.0 297.1 214.7 247.1 206.1 378.5 450.7 157.7 84.4 Miscellaneous Long-tailed duck 0.0 <t< td=""><td>Ducks Dabblers Mallard Am. black duck Gadwall Am. wigeon Am. green-winged teal Blue-winged teal N. shoveler N. pintail Subtotal Divers Redhead Canvasback</td><td>434.6 0.0 352.9 8.3 12.4 749.7 194.8 169.4 1922.2 93.3 17.3</td><td>462.6 0.0 323.1 40.5 67.0 902.9 304.0 693.7 2793.9 177.1 58.9</td><td>736.6 0.0 373.9 30.0 138.6 712.7 454.9 831.6 3278.5</td><td>769.3 0.0 372.2 28.1 23.4 1238.1 219.4 690.0 3340.4 123.7 14.7</td><td>674.0 0.0 353.6 29.1 51.0 780.3 289.9 749.1 2926.9 126.9 30.2</td><td>547.2 0.0 223.2 36.0 38.0 588.7 129.7 257.1 1819.9 94.6 28.5</td><td>458.4 0.0 213.6 44.1 75.0 1171.3 219.5 487.1 2669.0 110.7 63.0</td><td>566.5 0.0 330.1 72.8 59.4 1051.4 225.2 455.6 2761.1 214.8 39.3</td><td>368.0 0.0 76.5 62.3 17.4 357.0 89.7 208.6 1179.5</td><td>292.1 0.0 103.0 31.7 7.4 282.2 71.2 91.1 878.6 31.9 10.3</td></t<>	Ducks Dabblers Mallard Am. black duck Gadwall Am. wigeon Am. green-winged teal Blue-winged teal N. shoveler N. pintail Subtotal Divers Redhead Canvasback	434.6 0.0 352.9 8.3 12.4 749.7 194.8 169.4 1922.2 93.3 17.3	462.6 0.0 323.1 40.5 67.0 902.9 304.0 693.7 2793.9 177.1 58.9	736.6 0.0 373.9 30.0 138.6 712.7 454.9 831.6 3278.5	769.3 0.0 372.2 28.1 23.4 1238.1 219.4 690.0 3340.4 123.7 14.7	674.0 0.0 353.6 29.1 51.0 780.3 289.9 749.1 2926.9 126.9 30.2	547.2 0.0 223.2 36.0 38.0 588.7 129.7 257.1 1819.9 94.6 28.5	458.4 0.0 213.6 44.1 75.0 1171.3 219.5 487.1 2669.0 110.7 63.0	566.5 0.0 330.1 72.8 59.4 1051.4 225.2 455.6 2761.1 214.8 39.3	368.0 0.0 76.5 62.3 17.4 357.0 89.7 208.6 1179.5	292.1 0.0 103.0 31.7 7.4 282.2 71.2 91.1 878.6 31.9 10.3
Bufflehead 0.0 0.0 1.8 0.0 2.6 0.5 0.0 0.0 0.7 0.0 Ruddy Duck 15.5 45.2 86.0 47.0 55.1 40.7 167.0 125.1 22.8 21.1 Subtotal 142.8 318.0 297.1 214.7 247.1 206.1 378.5 450.7 157.7 84.4 Miscellaneous Long-tailed duck 0.0	Bufflehead 0.0 0.0 1.8 0.0 2.6 0.5 0.0 0.0 0.7 0.0 Ruddy Duck 15.5 45.2 86.0 47.0 55.1 40.7 167.0 125.1 22.8 21.1 Subtotal 142.8 318.0 297.1 214.7 247.1 206.1 378.5 450.7 157.7 84.4 Miscellaneous Long-tailed duck 0.0	Ducks Dabblers Mallard Am. black duck Gadwall Am. wigeon Am. green-winged teal Blue-winged teal N. shoveler N. pintail Subtotal Divers Redhead Canvasback Scaups	434.6 0.0 352.9 8.3 12.4 749.7 194.8 169.4 1922.2 93.3 17.3 16.6	462.6 0.0 323.1 40.5 67.0 902.9 304.0 693.7 2793.9 177.1 58.9 36.3	736.6 0.0 373.9 30.0 138.6 712.7 454.9 831.6 3278.5 153.5 24.7 28.3	769.3 0.0 372.2 28.1 23.4 1238.1 219.4 690.0 3340.4 123.7 14.7 28.2	674.0 0.0 353.6 29.1 51.0 780.3 289.9 749.1 2926.9 126.9 30.2 30.4	547.2 0.0 223.2 36.0 38.0 588.7 129.7 257.1 1819.9 94.6 28.5 41.9	458.4 0.0 213.6 44.1 75.0 1171.3 219.5 487.1 2669.0 110.7 63.0 37.3	566.5 0.0 330.1 72.8 59.4 1051.4 225.2 455.6 2761.1 214.8 39.3 70.3	368.0 0.0 76.5 62.3 17.4 357.0 89.7 208.6 1179.5 63.6 15.3 54.1	292.1 0.0 103.0 31.7 7.4 282.2 71.2 91.1 878.6 31.9 10.3 19.7
Ruddy Duck 15.5 45.2 86.0 47.0 55.1 40.7 167.0 125.1 22.8 21.1 Subtotal 142.8 318.0 297.1 214.7 247.1 206.1 378.5 450.7 157.7 84.4 Miscellaneous Long-tailed duck 0.0	Ruddy Duck 15.5 45.2 86.0 47.0 55.1 40.7 167.0 125.1 22.8 21.1 Subtotal 142.8 318.0 297.1 214.7 247.1 206.1 378.5 450.7 157.7 84.4 Miscellaneous Long-tailed duck 0.0	Ducks Dabblers Mallard Am. black duck Gadwall Am. wigeon Am. green-winged teal Blue-winged teal N. shoveler N. pintail Subtotal Divers Redhead Canvasback Scaups Ring-necked duck	434.6 0.0 352.9 8.3 12.4 749.7 194.8 169.4 1922.2 93.3 17.3 16.6 0.0	462.6 0.0 323.1 40.5 67.0 902.9 304.0 693.7 2793.9 177.1 58.9 36.3 0.6	736.6 0.0 373.9 30.0 138.6 712.7 454.9 831.6 3278.5 153.5 24.7 28.3 2.8	769.3 0.0 372.2 28.1 23.4 1238.1 219.4 690.0 3340.4 123.7 14.7 28.2 1.1	674.0 0.0 353.6 29.1 51.0 780.3 289.9 749.1 2926.9 126.9 30.2 30.4 0.7	547.2 0.0 223.2 36.0 38.0 588.7 129.7 257.1 1819.9 94.6 28.5 41.9 0.0	458.4 0.0 213.6 44.1 75.0 1171.3 219.5 487.1 2669.0 110.7 63.0 37.3 0.6	566.5 0.0 330.1 72.8 59.4 1051.4 225.2 455.6 2761.1 214.8 39.3 70.3 1.2	368.0 0.0 76.5 62.3 17.4 357.0 89.7 208.6 1179.5 63.6 15.3 54.1 1.1	292.1 0.0 103.0 31.7 7.4 282.2 71.2 91.1 878.6 31.9 10.3 19.7 1.4
Subtotal 142.8 318.0 297.1 214.7 247.1 206.1 378.5 450.7 157.7 84.4 Miscellaneous Long-tailed duck 0.0 <td>Subtotal 142.8 318.0 297.1 214.7 247.1 206.1 378.5 450.7 157.7 84.4 Miscellaneous Long-tailed duck 0.0<td>Ducks Dabblers Mallard Am. black duck Gadwall Am. wigeon Am. green-winged teal Blue-winged teal N. shoveler N. pintail Subtotal Divers Redhead Canvasback Scaups Ring-necked duck Goldeneyes</td><td>434.6 0.0 352.9 8.3 12.4 749.7 194.8 169.4 1922.2 93.3 17.3 16.6 0.0 0.0</td><td>462.6 0.0 323.1 40.5 67.0 902.9 304.0 693.7 2793.9 177.1 58.9 36.3 0.6 0.0</td><td>736.6 0.0 373.9 30.0 138.6 712.7 454.9 831.6 3278.5 153.5 24.7 28.3 2.8 0.0</td><td>769.3 0.0 372.2 28.1 23.4 1238.1 219.4 690.0 3340.4 123.7 14.7 28.2 1.1 0.0</td><td>674.0 0.0 353.6 29.1 51.0 780.3 289.9 749.1 2926.9 126.9 30.2 30.4 0.7 1.1</td><td>547.2 0.0 223.2 36.0 38.0 588.7 129.7 257.1 1819.9 94.6 28.5 41.9 0.0 0.0</td><td>458.4 0.0 213.6 44.1 75.0 1171.3 219.5 487.1 2669.0 110.7 63.0 37.3 0.6 0.0</td><td>566.5 0.0 330.1 72.8 59.4 1051.4 225.2 455.6 2761.1 214.8 39.3 70.3 1.2 0.0</td><td>368.0 0.0 76.5 62.3 17.4 357.0 89.7 208.6 1179.5 63.6 15.3 54.1 1.1 0.0</td><td>292.1 0.0 103.0 31.7 7.4 282.2 71.2 91.1 878.6 31.9 10.3 19.7 1.4 0.0</td></td>	Subtotal 142.8 318.0 297.1 214.7 247.1 206.1 378.5 450.7 157.7 84.4 Miscellaneous Long-tailed duck 0.0 <td>Ducks Dabblers Mallard Am. black duck Gadwall Am. wigeon Am. green-winged teal Blue-winged teal N. shoveler N. pintail Subtotal Divers Redhead Canvasback Scaups Ring-necked duck Goldeneyes</td> <td>434.6 0.0 352.9 8.3 12.4 749.7 194.8 169.4 1922.2 93.3 17.3 16.6 0.0 0.0</td> <td>462.6 0.0 323.1 40.5 67.0 902.9 304.0 693.7 2793.9 177.1 58.9 36.3 0.6 0.0</td> <td>736.6 0.0 373.9 30.0 138.6 712.7 454.9 831.6 3278.5 153.5 24.7 28.3 2.8 0.0</td> <td>769.3 0.0 372.2 28.1 23.4 1238.1 219.4 690.0 3340.4 123.7 14.7 28.2 1.1 0.0</td> <td>674.0 0.0 353.6 29.1 51.0 780.3 289.9 749.1 2926.9 126.9 30.2 30.4 0.7 1.1</td> <td>547.2 0.0 223.2 36.0 38.0 588.7 129.7 257.1 1819.9 94.6 28.5 41.9 0.0 0.0</td> <td>458.4 0.0 213.6 44.1 75.0 1171.3 219.5 487.1 2669.0 110.7 63.0 37.3 0.6 0.0</td> <td>566.5 0.0 330.1 72.8 59.4 1051.4 225.2 455.6 2761.1 214.8 39.3 70.3 1.2 0.0</td> <td>368.0 0.0 76.5 62.3 17.4 357.0 89.7 208.6 1179.5 63.6 15.3 54.1 1.1 0.0</td> <td>292.1 0.0 103.0 31.7 7.4 282.2 71.2 91.1 878.6 31.9 10.3 19.7 1.4 0.0</td>	Ducks Dabblers Mallard Am. black duck Gadwall Am. wigeon Am. green-winged teal Blue-winged teal N. shoveler N. pintail Subtotal Divers Redhead Canvasback Scaups Ring-necked duck Goldeneyes	434.6 0.0 352.9 8.3 12.4 749.7 194.8 169.4 1922.2 93.3 17.3 16.6 0.0 0.0	462.6 0.0 323.1 40.5 67.0 902.9 304.0 693.7 2793.9 177.1 58.9 36.3 0.6 0.0	736.6 0.0 373.9 30.0 138.6 712.7 454.9 831.6 3278.5 153.5 24.7 28.3 2.8 0.0	769.3 0.0 372.2 28.1 23.4 1238.1 219.4 690.0 3340.4 123.7 14.7 28.2 1.1 0.0	674.0 0.0 353.6 29.1 51.0 780.3 289.9 749.1 2926.9 126.9 30.2 30.4 0.7 1.1	547.2 0.0 223.2 36.0 38.0 588.7 129.7 257.1 1819.9 94.6 28.5 41.9 0.0 0.0	458.4 0.0 213.6 44.1 75.0 1171.3 219.5 487.1 2669.0 110.7 63.0 37.3 0.6 0.0	566.5 0.0 330.1 72.8 59.4 1051.4 225.2 455.6 2761.1 214.8 39.3 70.3 1.2 0.0	368.0 0.0 76.5 62.3 17.4 357.0 89.7 208.6 1179.5 63.6 15.3 54.1 1.1 0.0	292.1 0.0 103.0 31.7 7.4 282.2 71.2 91.1 878.6 31.9 10.3 19.7 1.4 0.0
Miscellaneous Long-tailed duck 0.0 </td <td>Miscellaneous Long-tailed duck 0.0<!--</td--><td>Ducks Dabblers Mallard Am. black duck Gadwall Am. wigeon Am. green-winged teal Blue-winged teal N. shoveler N. pintail Subtotal Divers Redhead Canvasback Scaups Ring-necked duck Goldeneyes Bufflehead</td><td>434.6 0.0 352.9 8.3 12.4 749.7 194.8 169.4 1922.2 93.3 17.3 16.6 0.0 0.0</td><td>462.6 0.0 323.1 40.5 67.0 902.9 304.0 693.7 2793.9 177.1 58.9 36.3 0.6 0.0</td><td>736.6 0.0 373.9 30.0 138.6 712.7 454.9 831.6 3278.5 153.5 24.7 28.3 2.8 0.0 1.8</td><td>769.3 0.0 372.2 28.1 23.4 1238.1 219.4 690.0 3340.4 123.7 14.7 28.2 1.1 0.0 0.0</td><td>674.0 0.0 353.6 29.1 51.0 780.3 289.9 749.1 2926.9 126.9 30.2 30.4 0.7 1.1 2.6</td><td>547.2 0.0 223.2 36.0 38.0 588.7 129.7 257.1 1819.9 94.6 28.5 41.9 0.0 0.0 0.5</td><td>458.4 0.0 213.6 44.1 75.0 1171.3 219.5 487.1 2669.0 110.7 63.0 37.3 0.6 0.0 0.0</td><td>566.5 0.0 330.1 72.8 59.4 1051.4 225.2 455.6 2761.1 214.8 39.3 70.3 1.2 0.0</td><td>368.0 0.0 76.5 62.3 17.4 357.0 89.7 208.6 1179.5 63.6 15.3 54.1 1.1 0.0 0.7</td><td>292.1 0.0 103.0 31.7 7.4 282.2 71.2 91.1 878.6 31.9 10.3 19.7 1.4 0.0 0.0</td></td>	Miscellaneous Long-tailed duck 0.0 </td <td>Ducks Dabblers Mallard Am. black duck Gadwall Am. wigeon Am. green-winged teal Blue-winged teal N. shoveler N. pintail Subtotal Divers Redhead Canvasback Scaups Ring-necked duck Goldeneyes Bufflehead</td> <td>434.6 0.0 352.9 8.3 12.4 749.7 194.8 169.4 1922.2 93.3 17.3 16.6 0.0 0.0</td> <td>462.6 0.0 323.1 40.5 67.0 902.9 304.0 693.7 2793.9 177.1 58.9 36.3 0.6 0.0</td> <td>736.6 0.0 373.9 30.0 138.6 712.7 454.9 831.6 3278.5 153.5 24.7 28.3 2.8 0.0 1.8</td> <td>769.3 0.0 372.2 28.1 23.4 1238.1 219.4 690.0 3340.4 123.7 14.7 28.2 1.1 0.0 0.0</td> <td>674.0 0.0 353.6 29.1 51.0 780.3 289.9 749.1 2926.9 126.9 30.2 30.4 0.7 1.1 2.6</td> <td>547.2 0.0 223.2 36.0 38.0 588.7 129.7 257.1 1819.9 94.6 28.5 41.9 0.0 0.0 0.5</td> <td>458.4 0.0 213.6 44.1 75.0 1171.3 219.5 487.1 2669.0 110.7 63.0 37.3 0.6 0.0 0.0</td> <td>566.5 0.0 330.1 72.8 59.4 1051.4 225.2 455.6 2761.1 214.8 39.3 70.3 1.2 0.0</td> <td>368.0 0.0 76.5 62.3 17.4 357.0 89.7 208.6 1179.5 63.6 15.3 54.1 1.1 0.0 0.7</td> <td>292.1 0.0 103.0 31.7 7.4 282.2 71.2 91.1 878.6 31.9 10.3 19.7 1.4 0.0 0.0</td>	Ducks Dabblers Mallard Am. black duck Gadwall Am. wigeon Am. green-winged teal Blue-winged teal N. shoveler N. pintail Subtotal Divers Redhead Canvasback Scaups Ring-necked duck Goldeneyes Bufflehead	434.6 0.0 352.9 8.3 12.4 749.7 194.8 169.4 1922.2 93.3 17.3 16.6 0.0 0.0	462.6 0.0 323.1 40.5 67.0 902.9 304.0 693.7 2793.9 177.1 58.9 36.3 0.6 0.0	736.6 0.0 373.9 30.0 138.6 712.7 454.9 831.6 3278.5 153.5 24.7 28.3 2.8 0.0 1.8	769.3 0.0 372.2 28.1 23.4 1238.1 219.4 690.0 3340.4 123.7 14.7 28.2 1.1 0.0 0.0	674.0 0.0 353.6 29.1 51.0 780.3 289.9 749.1 2926.9 126.9 30.2 30.4 0.7 1.1 2.6	547.2 0.0 223.2 36.0 38.0 588.7 129.7 257.1 1819.9 94.6 28.5 41.9 0.0 0.0 0.5	458.4 0.0 213.6 44.1 75.0 1171.3 219.5 487.1 2669.0 110.7 63.0 37.3 0.6 0.0 0.0	566.5 0.0 330.1 72.8 59.4 1051.4 225.2 455.6 2761.1 214.8 39.3 70.3 1.2 0.0	368.0 0.0 76.5 62.3 17.4 357.0 89.7 208.6 1179.5 63.6 15.3 54.1 1.1 0.0 0.7	292.1 0.0 103.0 31.7 7.4 282.2 71.2 91.1 878.6 31.9 10.3 19.7 1.4 0.0 0.0
Long-tailed duck 0.0	Long-tailed duck 0.0	Ducks Dabblers Mallard Am. black duck Gadwall Am. wigeon Am. green-winged teal Blue-winged teal N. shoveler N. pintail Subtotal Divers Redhead Canvasback Scaups Ring-necked duck Goldeneyes Bufflehead Ruddy Duck	434.6 0.0 352.9 8.3 12.4 749.7 194.8 169.4 1922.2 93.3 17.3 16.6 0.0 0.0 0.0	462.6 0.0 323.1 40.5 67.0 902.9 304.0 693.7 2793.9 177.1 58.9 36.3 0.6 0.0 0.0	736.6 0.0 373.9 30.0 138.6 712.7 454.9 831.6 3278.5 153.5 24.7 28.3 2.8 0.0 1.8	769.3 0.0 372.2 28.1 23.4 1238.1 219.4 690.0 3340.4 123.7 14.7 28.2 1.1 0.0 0.0 47.0	674.0 0.0 353.6 29.1 51.0 780.3 289.9 749.1 2926.9 126.9 30.2 30.4 0.7 1.1 2.6 55.1	547.2 0.0 223.2 36.0 38.0 588.7 129.7 257.1 1819.9 94.6 28.5 41.9 0.0 0.0 0.5 40.7	458.4 0.0 213.6 44.1 75.0 1171.3 219.5 487.1 2669.0 110.7 63.0 37.3 0.6 0.0 0.0 167.0	566.5 0.0 330.1 72.8 59.4 1051.4 225.2 455.6 2761.1 214.8 39.3 70.3 1.2 0.0 0.0 125.1	368.0 0.0 76.5 62.3 17.4 357.0 89.7 208.6 1179.5 63.6 15.3 54.1 1.1 0.0 0.7 22.8	292.1 0.0 103.0 31.7 7.4 282.2 71.2 91.1 878.6 31.9 10.3 19.7 1.4 0.0 0.0 21.1
Eiders 0.0<	Eiders 0.0<	Ducks Dabblers Mallard Am. black duck Gadwall Am. wigeon Am. green-winged teal Blue-winged teal N. shoveler N. pintail Subtotal Divers Redhead Canvasback Scaups Ring-necked duck Goldeneyes Bufflehead Ruddy Duck Subtotal	434.6 0.0 352.9 8.3 12.4 749.7 194.8 169.4 1922.2 93.3 17.3 16.6 0.0 0.0 0.0	462.6 0.0 323.1 40.5 67.0 902.9 304.0 693.7 2793.9 177.1 58.9 36.3 0.6 0.0 0.0	736.6 0.0 373.9 30.0 138.6 712.7 454.9 831.6 3278.5 153.5 24.7 28.3 2.8 0.0 1.8	769.3 0.0 372.2 28.1 23.4 1238.1 219.4 690.0 3340.4 123.7 14.7 28.2 1.1 0.0 0.0 47.0	674.0 0.0 353.6 29.1 51.0 780.3 289.9 749.1 2926.9 126.9 30.2 30.4 0.7 1.1 2.6 55.1	547.2 0.0 223.2 36.0 38.0 588.7 129.7 257.1 1819.9 94.6 28.5 41.9 0.0 0.0 0.5 40.7	458.4 0.0 213.6 44.1 75.0 1171.3 219.5 487.1 2669.0 110.7 63.0 37.3 0.6 0.0 0.0 167.0	566.5 0.0 330.1 72.8 59.4 1051.4 225.2 455.6 2761.1 214.8 39.3 70.3 1.2 0.0 0.0 125.1	368.0 0.0 76.5 62.3 17.4 357.0 89.7 208.6 1179.5 63.6 15.3 54.1 1.1 0.0 0.7 22.8	292.1 0.0 103.0 31.7 7.4 282.2 71.2 91.1 878.6 31.9 10.3 19.7 1.4 0.0 0.0 21.1
Scoters 0.0	Scoters 0.0	Ducks Dabblers Mallard Am. black duck Gadwall Am. wigeon Am. green-winged teal Blue-winged teal N. shoveler N. pintail Subtotal Divers Redhead Canvasback Scaups Ring-necked duck Goldeneyes Bufflehead Ruddy Duck Subtotal Miscellaneous	434.6 0.0 352.9 8.3 12.4 749.7 194.8 169.4 1922.2 93.3 17.3 16.6 0.0 0.0 0.0 15.5 142.8	462.6 0.0 323.1 40.5 67.0 902.9 304.0 693.7 2793.9 177.1 58.9 36.3 0.6 0.0 0.0 45.2 318.0	736.6 0.0 373.9 30.0 138.6 712.7 454.9 831.6 3278.5 153.5 24.7 28.3 2.8 0.0 1.8 86.0 297.1	769.3 0.0 372.2 28.1 23.4 1238.1 219.4 690.0 3340.4 123.7 14.7 28.2 1.1 0.0 0.0 47.0 214.7	674.0 0.0 353.6 29.1 51.0 780.3 289.9 749.1 2926.9 126.9 30.2 30.4 0.7 1.1 2.6 55.1 247.1	547.2 0.0 223.2 36.0 38.0 588.7 129.7 257.1 1819.9 94.6 28.5 41.9 0.0 0.0 0.5 40.7 206.1	458.4 0.0 213.6 44.1 75.0 1171.3 219.5 487.1 2669.0 110.7 63.0 37.3 0.6 0.0 0.0 167.0 378.5	566.5 0.0 330.1 72.8 59.4 1051.4 225.2 455.6 2761.1 214.8 39.3 70.3 1.2 0.0 0.0 125.1 450.7	368.0 0.0 76.5 62.3 17.4 357.0 89.7 208.6 1179.5 63.6 15.3 54.1 1.1 0.0 0.7 22.8 157.7	292.1 0.0 103.0 31.7 7.4 282.2 71.2 91.1 878.6 31.9 10.3 19.7 1.4 0.0 0.0 21.1 84.4
Mergansers 0.0 2.9 0.0 0.0 1.4 0.7 0.7 0.0 0.0 0.0 Subtotal 0.0 2.9 0.0 0.0 1.4 0.7 0.7 0.0 0.0 0.0 Total Ducks 2065.0 3114.7 3575.6 3555.1 3175.4 2026.7 3048.2 3211.8 1337.2 963.0	Mergansers 0.0 2.9 0.0 0.0 1.4 0.7 0.7 0.0 0.0 0.0 Subtotal 0.0 2.9 0.0 0.0 1.4 0.7 0.7 0.0 0.0 0.0 Total Ducks 2065.0 3114.7 3575.6 3555.1 3175.4 2026.7 3048.2 3211.8 1337.2 963.0 Canada Goose 0.0 0.0 0.0 0.0 3.8 0.9 3.3 2.2 3.8 Am. coot 127.5 131.3 192.3 147.7 178.8 124.7 368.9 512.9 104.2 74.8	Ducks Dabblers Mallard Am. black duck Gadwall Am. wigeon Am. green-winged teal Blue-winged teal N. shoveler N. pintail Subtotal Divers Redhead Canvasback Scaups Ring-necked duck Goldeneyes Bufflehead Ruddy Duck Subtotal Miscellaneous Long-tailed duck	434.6 0.0 352.9 8.3 12.4 749.7 194.8 169.4 1922.2 93.3 17.3 16.6 0.0 0.0 15.5 142.8	462.6 0.0 323.1 40.5 67.0 902.9 304.0 693.7 2793.9 177.1 58.9 36.3 0.6 0.0 45.2 318.0	736.6 0.0 373.9 30.0 138.6 712.7 454.9 831.6 3278.5 153.5 24.7 28.3 2.8 0.0 1.8 86.0 297.1	769.3 0.0 372.2 28.1 23.4 1238.1 219.4 690.0 3340.4 123.7 14.7 28.2 1.1 0.0 0.0 47.0 214.7	674.0 0.0 353.6 29.1 51.0 780.3 289.9 749.1 2926.9 126.9 30.2 30.4 0.7 1.1 2.6 55.1 247.1	547.2 0.0 223.2 36.0 38.0 588.7 129.7 257.1 1819.9 94.6 28.5 41.9 0.0 0.0 0.5 40.7 206.1	458.4 0.0 213.6 44.1 75.0 1171.3 219.5 487.1 2669.0 110.7 63.0 37.3 0.6 0.0 0.0 167.0 378.5	566.5 0.0 330.1 72.8 59.4 1051.4 225.2 455.6 2761.1 214.8 39.3 70.3 1.2 0.0 0.0 125.1 450.7	368.0 0.0 76.5 62.3 17.4 357.0 89.7 208.6 1179.5 63.6 15.3 54.1 1.1 0.0 0.7 22.8 157.7	292.1 0.0 103.0 31.7 7.4 282.2 71.2 91.1 878.6 31.9 10.3 19.7 1.4 0.0 0.0 21.1 84.4
Subtotal 0.0 2.9 0.0 0.0 1.4 0.7 0.7 0.0 0.0 0.0 Total Ducks 2065.0 3114.7 3575.6 3555.1 3175.4 2026.7 3048.2 3211.8 1337.2 963.0	Subtotal 0.0 2.9 0.0 0.0 1.4 0.7 0.7 0.0 0.0 0.0 Total Ducks 2065.0 3114.7 3575.6 3555.1 3175.4 2026.7 3048.2 3211.8 1337.2 963.0 Canada Goose 0.0 0.0 0.0 0.0 3.8 0.9 3.3 2.2 3.8 Am. coot 127.5 131.3 192.3 147.7 178.8 124.7 368.9 512.9 104.2 74.8	Ducks Dabblers Mallard Am. black duck Gadwall Am. wigeon Am. green-winged teal Blue-winged teal N. shoveler N. pintail Subtotal Divers Redhead Canvasback Scaups Ring-necked duck Goldeneyes Bufflehead Ruddy Duck Subtotal Miscellaneous Long-tailed duck Eiders	434.6 0.0 352.9 8.3 12.4 749.7 194.8 169.4 1922.2 93.3 17.3 16.6 0.0 0.0 15.5 142.8	462.6 0.0 323.1 40.5 67.0 902.9 304.0 693.7 2793.9 177.1 58.9 36.3 0.6 0.0 0.0 45.2 318.0	736.6 0.0 373.9 30.0 138.6 712.7 454.9 831.6 3278.5 153.5 24.7 28.3 2.8 0.0 1.8 86.0 297.1	769.3 0.0 372.2 28.1 23.4 1238.1 219.4 690.0 3340.4 123.7 14.7 28.2 1.1 0.0 0.0 47.0 214.7 0.0 0.0	674.0 0.0 353.6 29.1 51.0 780.3 289.9 749.1 2926.9 126.9 30.2 30.4 0.7 1.1 2.6 55.1 247.1	547.2 0.0 223.2 36.0 38.0 588.7 129.7 257.1 1819.9 94.6 28.5 41.9 0.0 0.0 0.5 40.7 206.1	458.4 0.0 213.6 44.1 75.0 1171.3 219.5 487.1 2669.0 110.7 63.0 37.3 0.6 0.0 0.0 167.0 378.5	566.5 0.0 330.1 72.8 59.4 1051.4 225.2 455.6 2761.1 214.8 39.3 70.3 1.2 0.0 0.0 125.1 450.7	368.0 0.0 76.5 62.3 17.4 357.0 89.7 208.6 1179.5 63.6 15.3 54.1 1.1 0.0 0.7 22.8 157.7	292.1 0.0 103.0 31.7 7.4 282.2 71.2 91.1 878.6 31.9 10.3 19.7 1.4 0.0 0.0 21.1 84.4
Total Ducks 2065.0 3114.7 3575.6 3555.1 3175.4 2026.7 3048.2 3211.8 1337.2 963.0	Total Ducks 2065.0 3114.7 3575.6 3555.1 3175.4 2026.7 3048.2 3211.8 1337.2 963.0 Canada Goose 0.0 0.0 0.0 0.0 3.8 0.9 3.3 2.2 3.8 Am. coot 127.5 131.3 192.3 147.7 178.8 124.7 368.9 512.9 104.2 74.8	Ducks Dabblers Mallard Am. black duck Gadwall Am. wigeon Am. green-winged teal Blue-winged teal N. shoveler N. pintail Subtotal Divers Redhead Canvasback Scaups Ring-necked duck Goldeneyes Bufflehead Ruddy Duck Subtotal Miscellaneous Long-tailed duck Eiders Scoters	434.6 0.0 352.9 8.3 12.4 749.7 194.8 169.4 1922.2 93.3 17.3 16.6 0.0 0.0 15.5 142.8	462.6 0.0 323.1 40.5 67.0 902.9 304.0 693.7 2793.9 177.1 58.9 36.3 0.6 0.0 0.0 45.2 318.0 0.0 0.0	736.6 0.0 373.9 30.0 138.6 712.7 454.9 831.6 3278.5 153.5 24.7 28.3 2.8 0.0 1.8 86.0 297.1	769.3 0.0 372.2 28.1 23.4 1238.1 219.4 690.0 3340.4 123.7 14.7 28.2 1.1 0.0 0.0 47.0 214.7 0.0 0.0	674.0 0.0 353.6 29.1 51.0 780.3 289.9 749.1 2926.9 126.9 30.2 30.4 0.7 1.1 2.6 55.1 247.1 0.0 0.0 0.0	547.2 0.0 223.2 36.0 38.0 588.7 129.7 257.1 1819.9 94.6 28.5 41.9 0.0 0.0 0.5 40.7 206.1 0.0 0.0 0.0	458.4 0.0 213.6 44.1 75.0 1171.3 219.5 487.1 2669.0 110.7 63.0 37.3 0.6 0.0 0.0 167.0 378.5 0.0 0.0	566.5 0.0 330.1 72.8 59.4 1051.4 225.2 455.6 2761.1 214.8 39.3 70.3 1.2 0.0 0.0 125.1 450.7	368.0 0.0 76.5 62.3 17.4 357.0 89.7 208.6 1179.5 63.6 15.3 54.1 1.1 0.0 0.7 22.8 157.7	292.1 0.0 103.0 31.7 7.4 282.2 71.2 91.1 878.6 31.9 10.3 19.7 1.4 0.0 0.0 21.1 84.4 0.0 0.0
	Canada Goose 0.0 0.0 0.0 0.0 0.0 3.8 0.9 3.3 2.2 3.8 Am. coot 127.5 131.3 192.3 147.7 178.8 124.7 368.9 512.9 104.2 74.8	Ducks Dabblers Mallard Am. black duck Gadwall Am. wigeon Am. green-winged teal Blue-winged teal N. shoveler N. pintail Subtotal Divers Redhead Canvasback Scaups Ring-necked duck Goldeneyes Bufflehead Ruddy Duck Subtotal Miscellaneous Long-tailed duck Eiders Scoters Mergansers	434.6 0.0 352.9 8.3 12.4 749.7 194.8 169.4 1922.2 93.3 17.3 16.6 0.0 0.0 15.5 142.8 0.0 0.0 0.0	462.6 0.0 323.1 40.5 67.0 902.9 304.0 693.7 2793.9 177.1 58.9 36.3 0.6 0.0 0.0 45.2 318.0 0.0 0.0 0.0 2.9	736.6 0.0 373.9 30.0 138.6 712.7 454.9 831.6 3278.5 153.5 24.7 28.3 2.8 0.0 1.8 86.0 297.1 0.0 0.0 0.0 0.0	769.3 0.0 372.2 28.1 23.4 1238.1 219.4 690.0 3340.4 123.7 14.7 28.2 1.1 0.0 0.0 47.0 214.7 0.0 0.0 0.0	674.0 0.0 353.6 29.1 51.0 780.3 289.9 749.1 2926.9 126.9 30.2 30.4 0.7 1.1 2.6 55.1 247.1 0.0 0.0 0.0 1.4	547.2 0.0 223.2 36.0 38.0 588.7 129.7 257.1 1819.9 94.6 28.5 41.9 0.0 0.0 0.5 40.7 206.1 0.0 0.0 0.0	458.4 0.0 213.6 44.1 75.0 1171.3 219.5 487.1 2669.0 110.7 63.0 37.3 0.6 0.0 0.0 167.0 378.5 0.0 0.0 0.0	566.5 0.0 330.1 72.8 59.4 1051.4 225.2 455.6 2761.1 214.8 39.3 70.3 1.2 0.0 0.0 125.1 450.7	368.0 0.0 76.5 62.3 17.4 357.0 89.7 208.6 1179.5 63.6 15.3 54.1 1.1 0.0 0.7 22.8 157.7 0.0 0.0 0.0 0.0	292.1 0.0 103.0 31.7 7.4 282.2 91.1 878.6 31.9 10.3 19.7 1.4 0.0 0.0 21.1 84.4 0.0 0.0 0.0
	Am. coot 127.5 131.3 192.3 147.7 178.8 124.7 368.9 512.9 104.2 74.8	Ducks Dabblers Mallard Am. black duck Gadwall Am. wigeon Am. green-winged teal Blue-winged teal N. shoveler N. pintail Subtotal Divers Redhead Canvasback Scaups Ring-necked duck Goldeneyes Bufflehead Ruddy Duck Subtotal Miscellaneous Long-tailed duck Eiders Scoters Mergansers Subtotal	434.6 0.0 352.9 8.3 12.4 749.7 194.8 169.4 1922.2 93.3 17.3 16.6 0.0 0.0 0.0 15.5 142.8 0.0 0.0 0.0	462.6 0.0 323.1 40.5 67.0 902.9 304.0 693.7 2793.9 177.1 58.9 36.3 0.6 0.0 0.0 45.2 318.0 0.0 0.0 2.9 2.9	736.6 0.0 373.9 30.0 138.6 712.7 454.9 831.6 3278.5 153.5 24.7 28.3 2.8 0.0 1.8 86.0 297.1 0.0 0.0 0.0 0.0	769.3 0.0 372.2 28.1 23.4 1238.1 219.4 690.0 3340.4 123.7 14.7 28.2 1.1 0.0 47.0 214.7 0.0 0.0 0.0 0.0 0.0 0.0 0.0	674.0 0.0 353.6 29.1 51.0 780.3 289.9 749.1 2926.9 126.9 30.2 30.4 0.7 1.1 2.6 55.1 247.1 0.0 0.0 0.0 1.4 1.4	547.2 0.0 223.2 36.0 38.0 588.7 129.7 257.1 1819.9 94.6 28.5 41.9 0.0 0.5 40.7 206.1 0.0 0.0 0.0	458.4 0.0 213.6 44.1 75.0 1171.3 219.5 487.1 2669.0 110.7 63.0 37.3 0.6 0.0 0.0 167.0 378.5 0.0 0.0 0.0	566.5 0.0 330.1 72.8 59.4 1051.4 225.2 455.6 2761.1 214.8 39.3 70.3 1.2 0.0 0.0 125.1 450.7 0.0 0.0 0.0 0.0 0.0 0.0	368.0 0.0 76.5 62.3 17.4 357.0 89.7 208.6 1179.5 63.6 15.3 54.1 1.1 0.0 0.7 22.8 157.7 0.0 0.0 0.0 0.0 0.0	292.1 0.0 103.0 31.7 7.4 282.2 91.1 878.6 31.9 10.3 19.7 1.4 0.0 0.0 21.1 84.4 0.0 0.0 0.0 0.0 0.0 0.0
		Ducks Dabblers Mallard Am. black duck Gadwall Am. wigeon Am. green-winged teal Blue-winged teal N. shoveler N. pintail Subtotal Divers Redhead Canvasback Scaups Ring-necked duck Goldeneyes Bufflehead Ruddy Duck Subtotal Miscellaneous Long-tailed duck Eiders Scoters Mergansers Subtotal Total Ducks	434.6 0.0 352.9 8.3 12.4 749.7 194.8 169.4 1922.2 93.3 17.3 16.6 0.0 0.0 15.5 142.8 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	462.6 0.0 323.1 40.5 67.0 902.9 304.0 693.7 2793.9 177.1 58.9 36.3 0.6 0.0 0.0 45.2 318.0 0.0 0.0 2.9 2.9 3114.7	736.6 0.0 373.9 30.0 138.6 712.7 454.9 831.6 3278.5 153.5 24.7 28.3 2.8 0.0 1.8 86.0 297.1 0.0 0.0 0.0 0.0 3575.6	769.3 0.0 372.2 28.1 23.4 1238.1 219.4 690.0 3340.4 123.7 14.7 28.2 1.1 0.0 0.0 47.0 214.7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	674.0 0.0 353.6 29.1 51.0 780.3 289.9 749.1 2926.9 126.9 30.2 30.4 0.7 1.1 2.6 55.1 247.1 0.0 0.0 0.0 1.4 1.4 3175.4	547.2 0.0 223.2 36.0 38.0 588.7 129.7 257.1 1819.9 94.6 28.5 41.9 0.0 0.5 40.7 206.1 0.0 0.0 0.7 0.7 2026.7	458.4 0.0 213.6 44.1 75.0 1171.3 219.5 487.1 2669.0 110.7 63.0 37.3 0.6 0.0 0.0 167.0 378.5 0.0 0.0 0.7 0.7 3048.2	566.5 0.0 330.1 72.8 59.4 1051.4 225.2 455.6 2761.1 214.8 39.3 70.3 1.2 0.0 0.0 125.1 450.7 0.0 0.0 0.0 0.0 0.0 0.0 0.0	368.0 0.0 76.5 62.3 17.4 357.0 89.7 208.6 1179.5 63.6 15.3 54.1 1.1 0.0 0.7 22.8 157.7 0.0 0.0 0.0 0.0 0.0 1337.2	292.1 0.0 103.0 31.7 7.4 282.2 91.1 878.6 31.9 10.3 19.7 1.4 0.0 0.0 21.1 84.4 0.0 0.0 0.0 0.0 0.0 0.0 0.0
	Ponds 1252.2 1135.8 848.2 340.3	Ducks Dabblers Mallard Am. black duck Gadwall Am. wigeon Am. green-winged teal Blue-winged teal N. shoveler N. pintail Subtotal Divers Redhead Canvasback Scaups Ring-necked duck Goldeneyes Bufflehead Ruddy Duck Subtotal Miscellaneous Long-tailed duck Eiders Scoters Mergansers Subtotal Total Ducks Canada Goose	434.6 0.0 352.9 8.3 12.4 749.7 194.8 169.4 1922.2 93.3 17.3 16.6 0.0 0.0 0.0 15.5 142.8 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	462.6 0.0 323.1 40.5 67.0 902.9 304.0 693.7 2793.9 177.1 58.9 36.3 0.6 0.0 0.0 45.2 318.0 0.0 0.0 2.9 2.9 3114.7 0.0	736.6 0.0 373.9 30.0 138.6 712.7 454.9 831.6 3278.5 153.5 24.7 28.3 2.8 0.0 1.8 86.0 297.1 0.0 0.0 0.0 0.0 3575.6 0.0	769.3 0.0 372.2 28.1 23.4 1238.1 219.4 690.0 3340.4 123.7 14.7 28.2 1.1 0.0 0.0 47.0 214.7 0.0 0.0 0.0 0.0 0.0 3555.1 0.0	674.0 0.0 353.6 29.1 51.0 780.3 289.9 749.1 2926.9 126.9 30.2 30.4 0.7 1.1 2.6 55.1 247.1 0.0 0.0 0.0 1.4 1.4 3175.4 0.0	547.2 0.0 223.2 36.0 38.0 588.7 129.7 257.1 1819.9 94.6 28.5 41.9 0.0 0.5 40.7 206.1 0.0 0.0 0.7 0.7 2026.7 3.8	458.4 0.0 213.6 44.1 75.0 1171.3 219.5 487.1 2669.0 110.7 63.0 37.3 0.6 0.0 0.0 167.0 378.5 0.0 0.0 0.0 0.7 0.7 3048.2 0.9	566.5 0.0 330.1 72.8 59.4 1051.4 225.2 455.6 2761.1 214.8 39.3 70.3 1.2 0.0 0.0 125.1 450.7 0.0 0.0 0.0 0.0 0.0 0.0 0.0	368.0 0.0 76.5 62.3 17.4 357.0 89.7 208.6 1179.5 63.6 15.3 54.1 1.1 0.0 0.7 22.8 157.7 0.0 0.0 0.0 0.0 0.0 1337.2 2.2	292.1 0.0 103.0 31.7 7.4 282.2 91.1 878.6 31.9 10.3 19.7 1.4 0.0 0.0 21.1 84.4 0.0 0.0 0.0 0.0 0.0 0.0 0.0

 $Appendix\ 2\ (continued).\ Long-term\ trend\ in\ adjusted\ waterfowl\ breeding\ population\ estimates\ (thousands)\ in\ North\ Dakota.$

Species/Ponds	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
Ducks										
Dabblers										
Mallard	506.6	641.4	485.4	308.6	466.5	398.9	550.3	361.4	487.8	582.6
Am. black duck	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gadwall	243.9	369.2	224.3	255.6	381.2	435.0	528.8	274.0	287.7	275.9
Am. wigeon	69.4	47.4	84.0	119.2	41.5	45.1	38.7	58.9	30.9	44.1
Am. green-winged teal	20.5	25.4	92.4	39.2	52.6	16.4	16.2	58.9	20.1	33.5
Blue-winged teal	737.4	826.5	888.4	252.8	906.3	545.7	861.0	547.0	871.8	579.4
N. shoveler	277.5	447.3	181.9	264.1	377.4	194.3	273.3	153.2	244.7	255.5
N. pintail	588.5	517.3	291.8	135.2	369.4	329.4	375.5	198.9	260.0	191.6
Subtotal	2443.7	2874.5	2248.2	1374.7	2594.9	1964.8	2643.7	1652.3	2202.9	1962.8
Divers										
Redhead	191.8	198.3	122.7	75.2	258.2	226.3	170.3	116.9	103.5	99.0
Canvasback	17.0	42.7	28.5	31.9	32.4	12.4	50.9	20.1	36.3	28.7
Scaups	99.8	199.2	47.7	107.5	103.9	92.6	120.8	102.1	129.4	91.4
Ring-necked duck	2.2	8.4	3.6	0.0	11.6	103.0	12.2	3.5	11.6	3.2
Goldeneyes	0.0	0.0	0.0	0.0	0.0	2.5	1.4	0.0	0.0	1.0
Bufflehead	1.0	2.4	1.4	1.0	0.7	3.7	7.1	0.5	0.8	0.0
Ruddy Duck	123.3	98.0	111.4	237.6	357.1	184.8	251.8	111.9	170.1	113.9
Subtotal	435.0	549.0	315.4	453.2	763.9	625.2	614.4	355.0	451.7	337.2
Miscellaneous										
Long-tailed duck	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Eiders	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Scoters	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Mergansers	0.0	0.0	0.0	0.0	0.3	6.3	2.7	0.5	0.0	0.5
Subtotal	0.0	0.0	0.0	0.0	0.3	6.3	2.7	0.5	0.0	0.5
Total Ducks	2878.7	3423.5	2563.6	1827.9	3359.1	2596.3	3260.8	2007.8	2654.6	2300.5
Canada Goose	0.9	2.7	3.7	7.4	22.4	10.5	13.7	11.3	17.0	12.3
Am. coot	389.6	1358.1	396.0	374.7	561.3	411.0	898.9	309.7	313.2	530.3
Ponds	637.3	835.8	345.5	343.5	786.0	648.9	965.4	614.6	728.8	601.1
Species/Ponds	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997
Species/Ponds Ducks	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997
•	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997
Ducks	1988 354.9	1989 404.0	1990 142.2	1991 261.8	1992 364.1	1993 374.1	1994 900.7	1995 1063.9	1996 1100.5	1997 1377.7
Ducks Dabblers										
Ducks Dabblers Mallard	354.9	404.0	142.2	261.8	364.1	374.1	900.7	1063.9	1100.5	1377.7
Ducks Dabblers Mallard Am. black duck Gadwall Am. wigeon	354.9 0.0	404.0 0.0	142.2 0.0 296.0 22.9	261.8 0.0	364.1 0.0 388.7 44.1	374.1 0.0 285.8 13.9	900.7 0.0 433.3 71.4	1063.9 0.0 757.4 92.0	1100.5 0.0 806.3 78.9	1377.7 0.0 893.8 83.2
Ducks Dabblers Mallard Am. black duck Gadwall Am. wigeon Am. green-winged teal	354.9 0.0 294.9 40.8 28.3	404.0 0.0 296.3 15.6 9.5	142.2 0.0 296.0 22.9 26.7	261.8 0.0 197.9 20.9 9.1	364.1 0.0 388.7 44.1 14.1	374.1 0.0 285.8 13.9 9.0	900.7 0.0 433.3 71.4 60.5	1063.9 0.0 757.4 92.0 45.9	1100.5 0.0 806.3 78.9 90.6	1377.7 0.0 893.8 83.2 79.0
Ducks Dabblers Mallard Am. black duck Gadwall Am. wigeon Am. green-winged teal Blue-winged teal	354.9 0.0 294.9 40.8 28.3 553.9	404.0 0.0 296.3 15.6 9.5 338.5	142.2 0.0 296.0 22.9 26.7 230.4	261.8 0.0 197.9 20.9 9.1 233.4	364.1 0.0 388.7 44.1 14.1 401.4	374.1 0.0 285.8 13.9 9.0 303.1	900.7 0.0 433.3 71.4 60.5 1088.8	1063.9 0.0 757.4 92.0 45.9 1463.1	1100.5 0.0 806.3 78.9 90.6 1764.1	1377.7 0.0 893.8 83.2 79.0 1544.6
Ducks Dabblers Mallard Am. black duck Gadwall Am. wigeon Am. green-winged teal Blue-winged teal N. shoveler	354.9 0.0 294.9 40.8 28.3 553.9 118.4	404.0 0.0 296.3 15.6 9.5 338.5 158.7	142.2 0.0 296.0 22.9 26.7 230.4 67.1	261.8 0.0 197.9 20.9 9.1 233.4 75.2	364.1 0.0 388.7 44.1 14.1 401.4 114.7	374.1 0.0 285.8 13.9 9.0 303.1 175.1	900.7 0.0 433.3 71.4 60.5 1088.8 507.8	1063.9 0.0 757.4 92.0 45.9 1463.1 573.6	1100.5 0.0 806.3 78.9 90.6 1764.1 653.8	1377.7 0.0 893.8 83.2 79.0 1544.6 492.2
Ducks Dabblers Mallard Am. black duck Gadwall Am. wigeon Am. green-winged teal Blue-winged teal N. shoveler N. pintail	354.9 0.0 294.9 40.8 28.3 553.9 118.4 149.7	404.0 0.0 296.3 15.6 9.5 338.5 158.7 109.0	142.2 0.0 296.0 22.9 26.7 230.4 67.1 61.8	261.8 0.0 197.9 20.9 9.1 233.4 75.2 49.3	364.1 0.0 388.7 44.1 14.1 401.4 114.7 112.1	374.1 0.0 285.8 13.9 9.0 303.1 175.1 126.9	900.7 0.0 433.3 71.4 60.5 1088.8 507.8 375.5	1063.9 0.0 757.4 92.0 45.9 1463.1 573.6 424.9	1100.5 0.0 806.3 78.9 90.6 1764.1 653.8 351.5	1377.7 0.0 893.8 83.2 79.0 1544.6 492.2 418.1
Ducks Dabblers Mallard Am. black duck Gadwall Am. wigeon Am. green-winged teal Blue-winged teal N. shoveler N. pintail Subtotal	354.9 0.0 294.9 40.8 28.3 553.9 118.4	404.0 0.0 296.3 15.6 9.5 338.5 158.7	142.2 0.0 296.0 22.9 26.7 230.4 67.1	261.8 0.0 197.9 20.9 9.1 233.4 75.2	364.1 0.0 388.7 44.1 14.1 401.4 114.7	374.1 0.0 285.8 13.9 9.0 303.1 175.1	900.7 0.0 433.3 71.4 60.5 1088.8 507.8	1063.9 0.0 757.4 92.0 45.9 1463.1 573.6	1100.5 0.0 806.3 78.9 90.6 1764.1 653.8	1377.7 0.0 893.8 83.2 79.0 1544.6 492.2
Ducks Dabblers Mallard Am. black duck Gadwall Am. wigeon Am. green-winged teal Blue-winged teal N. shoveler N. pintail Subtotal Divers	354.9 0.0 294.9 40.8 28.3 553.9 118.4 149.7 1541.1	404.0 0.0 296.3 15.6 9.5 338.5 158.7 109.0 1331.5	142.2 0.0 296.0 22.9 26.7 230.4 67.1 61.8 847.1	261.8 0.0 197.9 20.9 9.1 233.4 75.2 49.3 847.7	364.1 0.0 388.7 44.1 14.1 401.4 114.7 112.1 1439.2	374.1 0.0 285.8 13.9 9.0 303.1 175.1 126.9 1288.0	900.7 0.0 433.3 71.4 60.5 1088.8 507.8 375.5 3438.0	1063.9 0.0 757.4 92.0 45.9 1463.1 573.6 424.9 4420.8	1100.5 0.0 806.3 78.9 90.6 1764.1 653.8 351.5 4845.8	1377.7 0.0 893.8 83.2 79.0 1544.6 492.2 418.1 4888.7
Ducks Dabblers Mallard Am. black duck Gadwall Am. wigeon Am. green-winged teal Blue-winged teal N. shoveler N. pintail Subtotal Divers Redhead	354.9 0.0 294.9 40.8 28.3 553.9 118.4 149.7 1541.1	404.0 0.0 296.3 15.6 9.5 338.5 158.7 109.0 1331.5	142.2 0.0 296.0 22.9 26.7 230.4 67.1 61.8 847.1	261.8 0.0 197.9 20.9 9.1 233.4 75.2 49.3 847.7	364.1 0.0 388.7 44.1 14.1 401.4 114.7 112.1 1439.2 78.8	374.1 0.0 285.8 13.9 9.0 303.1 175.1 126.9 1288.0	900.7 0.0 433.3 71.4 60.5 1088.8 507.8 375.5 3438.0	1063.9 0.0 757.4 92.0 45.9 1463.1 573.6 424.9 4420.8	1100.5 0.0 806.3 78.9 90.6 1764.1 653.8 351.5 4845.8	1377.7 0.0 893.8 83.2 79.0 1544.6 492.2 418.1 4888.7
Ducks Dabblers Mallard Am. black duck Gadwall Am. wigeon Am. green-winged teal Blue-winged teal N. shoveler N. pintail Subtotal Divers Redhead Canvasback	354.9 0.0 294.9 40.8 28.3 553.9 118.4 149.7 1541.1	404.0 0.0 296.3 15.6 9.5 338.5 158.7 109.0 1331.5	142.2 0.0 296.0 22.9 26.7 230.4 67.1 61.8 847.1 17.0 10.1	261.8 0.0 197.9 20.9 9.1 233.4 75.2 49.3 847.7 14.7 8.6	364.1 0.0 388.7 44.1 14.1 401.4 114.7 112.1 1439.2 78.8 17.3	374.1 0.0 285.8 13.9 9.0 303.1 175.1 126.9 1288.0 102.2 19.8	900.7 0.0 433.3 71.4 60.5 1088.8 507.8 375.5 3438.0 155.0 56.1	1063.9 0.0 757.4 92.0 45.9 1463.1 573.6 424.9 4420.8 218.2 42.0	1100.5 0.0 806.3 78.9 90.6 1764.1 653.8 351.5 4845.8 257.9 58.6	1377.7 0.0 893.8 83.2 79.0 1544.6 492.2 418.1 4888.7 216.5 69.2
Ducks Dabblers Mallard Am. black duck Gadwall Am. wigeon Am. green-winged teal Blue-winged teal N. shoveler N. pintail Subtotal Divers Redhead Canvasback Scaups	354.9 0.0 294.9 40.8 28.3 553.9 118.4 149.7 1541.1 55.2 19.2 83.0	404.0 0.0 296.3 15.6 9.5 338.5 158.7 109.0 1331.5 133.4 39.2 38.8	142.2 0.0 296.0 22.9 26.7 230.4 67.1 61.8 847.1 17.0 10.1 43.6	261.8 0.0 197.9 20.9 9.1 233.4 75.2 49.3 847.7 14.7 8.6 89.9	364.1 0.0 388.7 44.1 14.1 401.4 114.7 112.1 1439.2 78.8 17.3 23.0	374.1 0.0 285.8 13.9 9.0 303.1 175.1 126.9 1288.0 102.2 19.8 36.6	900.7 0.0 433.3 71.4 60.5 1088.8 507.8 375.5 3438.0 155.0 56.1 109.6	1063.9 0.0 757.4 92.0 45.9 1463.1 573.6 424.9 4420.8 218.2 42.0 108.5	1100.5 0.0 806.3 78.9 90.6 1764.1 653.8 351.5 4845.8 257.9 58.6 91.5	1377.7 0.0 893.8 83.2 79.0 1544.6 492.2 418.1 4888.7 216.5 69.2 115.5
Ducks Dabblers Mallard Am. black duck Gadwall Am. wigeon Am. green-winged teal Blue-winged teal N. shoveler N. pintail Subtotal Divers Redhead Canvasback Scaups Ring-necked duck	354.9 0.0 294.9 40.8 28.3 553.9 118.4 149.7 1541.1 55.2 19.2 83.0 10.5	404.0 0.0 296.3 15.6 9.5 338.5 158.7 109.0 1331.5 133.4 39.2 38.8 10.9	142.2 0.0 296.0 22.9 26.7 230.4 67.1 61.8 847.1 17.0 10.1 43.6 9.6	261.8 0.0 197.9 20.9 9.1 233.4 75.2 49.3 847.7 14.7 8.6 89.9 5.0	364.1 0.0 388.7 44.1 14.1 401.4 114.7 112.1 1439.2 78.8 17.3 23.0 10.3	374.1 0.0 285.8 13.9 9.0 303.1 175.1 126.9 1288.0 102.2 19.8 36.6 0.4	900.7 0.0 433.3 71.4 60.5 1088.8 507.8 375.5 3438.0 155.0 56.1 109.6 15.7	1063.9 0.0 757.4 92.0 45.9 1463.1 573.6 424.9 4420.8 218.2 42.0 108.5 44.4	1100.5 0.0 806.3 78.9 90.6 1764.1 653.8 351.5 4845.8 257.9 58.6 91.5 12.1	1377.7 0.0 893.8 83.2 79.0 1544.6 492.2 418.1 4888.7 216.5 69.2 115.5 11.2
Ducks Dabblers Mallard Am. black duck Gadwall Am. wigeon Am. green-winged teal Blue-winged teal N. shoveler N. pintail Subtotal Divers Redhead Canvasback Scaups Ring-necked duck Goldeneyes	354.9 0.0 294.9 40.8 28.3 553.9 118.4 149.7 1541.1 55.2 19.2 83.0 10.5 0.0	404.0 0.0 296.3 15.6 9.5 338.5 158.7 109.0 1331.5 133.4 39.2 38.8 10.9 0.0	142.2 0.0 296.0 22.9 26.7 230.4 67.1 61.8 847.1 17.0 10.1 43.6 9.6 0.0	261.8 0.0 197.9 20.9 9.1 233.4 75.2 49.3 847.7 14.7 8.6 89.9 5.0 0.0	364.1 0.0 388.7 44.1 14.1 401.4 114.7 112.1 1439.2 78.8 17.3 23.0 10.3 0.0	374.1 0.0 285.8 13.9 9.0 303.1 175.1 126.9 1288.0 102.2 19.8 36.6 0.4 0.0	900.7 0.0 433.3 71.4 60.5 1088.8 507.8 375.5 3438.0 155.0 56.1 109.6 15.7 0.7	1063.9 0.0 757.4 92.0 45.9 1463.1 573.6 424.9 4420.8 218.2 42.0 108.5 44.4 0.0	1100.5 0.0 806.3 78.9 90.6 1764.1 653.8 351.5 4845.8 257.9 58.6 91.5 12.1 0.0	1377.7 0.0 893.8 83.2 79.0 1544.6 492.2 418.1 4888.7 216.5 69.2 115.5 11.2 0.0
Ducks Dabblers Mallard Am. black duck Gadwall Am. wigeon Am. green-winged teal Blue-winged teal N. shoveler N. pintail Subtotal Divers Redhead Canvasback Scaups Ring-necked duck Goldeneyes Bufflehead	354.9 0.0 294.9 40.8 28.3 553.9 118.4 149.7 1541.1 55.2 19.2 83.0 10.5 0.0 0.5	404.0 0.0 296.3 15.6 9.5 338.5 158.7 109.0 1331.5 133.4 39.2 38.8 10.9 0.0 2.1	142.2 0.0 296.0 22.9 26.7 230.4 67.1 61.8 847.1 17.0 10.1 43.6 9.6 0.0 0.5	261.8 0.0 197.9 20.9 9.1 233.4 75.2 49.3 847.7 14.7 8.6 89.9 5.0 0.0 3.2	364.1 0.0 388.7 44.1 14.1 401.4 114.7 112.1 1439.2 78.8 17.3 23.0 10.3 0.0 3.3	374.1 0.0 285.8 13.9 9.0 303.1 175.1 126.9 1288.0 102.2 19.8 36.6 0.4 0.0 2.5	900.7 0.0 433.3 71.4 60.5 1088.8 507.8 375.5 3438.0 155.0 56.1 109.6 15.7 0.7 4.7	1063.9 0.0 757.4 92.0 45.9 1463.1 573.6 424.9 4420.8 218.2 42.0 108.5 44.4 0.0 3.6	1100.5 0.0 806.3 78.9 90.6 1764.1 653.8 351.5 4845.8 257.9 58.6 91.5 12.1 0.0 1.8	1377.7 0.0 893.8 83.2 79.0 1544.6 492.2 418.1 4888.7 216.5 69.2 115.5 11.2 0.0 2.0
Ducks Dabblers Mallard Am. black duck Gadwall Am. wigeon Am. green-winged teal Blue-winged teal N. shoveler N. pintail Subtotal Divers Redhead Canvasback Scaups Ring-necked duck Goldeneyes Bufflehead Ruddy Duck	354.9 0.0 294.9 40.8 28.3 553.9 118.4 149.7 1541.1 55.2 19.2 83.0 10.5 0.0 0.5 12.6	404.0 0.0 296.3 15.6 9.5 338.5 158.7 109.0 1331.5 133.4 39.2 38.8 10.9 0.0 2.1 55.3	142.2 0.0 296.0 22.9 26.7 230.4 67.1 61.8 847.1 17.0 10.1 43.6 9.6 0.0 0.5 62.5	261.8 0.0 197.9 20.9 9.1 233.4 75.2 49.3 847.7 14.7 8.6 89.9 5.0 0.0 3.2 14.0	364.1 0.0 388.7 44.1 14.1 401.4 114.7 112.1 1439.2 78.8 17.3 23.0 10.3 0.0 3.3 29.5	374.1 0.0 285.8 13.9 9.0 303.1 175.1 126.9 1288.0 102.2 19.8 36.6 0.4 0.0 2.5 33.9	900.7 0.0 433.3 71.4 60.5 1088.8 507.8 375.5 3438.0 155.0 56.1 109.6 15.7 0.7 4.7 105.6	1063.9 0.0 757.4 92.0 45.9 1463.1 573.6 424.9 4420.8 218.2 42.0 108.5 44.4 0.0 3.6 78.6	1100.5 0.0 806.3 78.9 90.6 1764.1 653.8 351.5 4845.8 257.9 58.6 91.5 12.1 0.0 1.8 72.8	1377.7 0.0 893.8 83.2 79.0 1544.6 492.2 418.1 4888.7 216.5 69.2 115.5 11.2 0.0 2.0 180.2
Ducks Dabblers Mallard Am. black duck Gadwall Am. wigeon Am. green-winged teal Blue-winged teal N. shoveler N. pintail Subtotal Divers Redhead Canvasback Scaups Ring-necked duck Goldeneyes Bufflehead Ruddy Duck Subtotal	354.9 0.0 294.9 40.8 28.3 553.9 118.4 149.7 1541.1 55.2 19.2 83.0 10.5 0.0 0.5	404.0 0.0 296.3 15.6 9.5 338.5 158.7 109.0 1331.5 133.4 39.2 38.8 10.9 0.0 2.1	142.2 0.0 296.0 22.9 26.7 230.4 67.1 61.8 847.1 17.0 10.1 43.6 9.6 0.0 0.5	261.8 0.0 197.9 20.9 9.1 233.4 75.2 49.3 847.7 14.7 8.6 89.9 5.0 0.0 3.2	364.1 0.0 388.7 44.1 14.1 401.4 114.7 112.1 1439.2 78.8 17.3 23.0 10.3 0.0 3.3	374.1 0.0 285.8 13.9 9.0 303.1 175.1 126.9 1288.0 102.2 19.8 36.6 0.4 0.0 2.5	900.7 0.0 433.3 71.4 60.5 1088.8 507.8 375.5 3438.0 155.0 56.1 109.6 15.7 0.7 4.7	1063.9 0.0 757.4 92.0 45.9 1463.1 573.6 424.9 4420.8 218.2 42.0 108.5 44.4 0.0 3.6	1100.5 0.0 806.3 78.9 90.6 1764.1 653.8 351.5 4845.8 257.9 58.6 91.5 12.1 0.0 1.8	1377.7 0.0 893.8 83.2 79.0 1544.6 492.2 418.1 4888.7 216.5 69.2 115.5 11.2 0.0 2.0
Ducks Dabblers Mallard Am. black duck Gadwall Am. wigeon Am. green-winged teal Blue-winged teal N. shoveler N. pintail Subtotal Divers Redhead Canvasback Scaups Ring-necked duck Goldeneyes Bufflehead Ruddy Duck Subtotal Miscellaneous	354.9 0.0 294.9 40.8 28.3 553.9 118.4 149.7 1541.1 55.2 19.2 83.0 10.5 0.0 0.5 12.6 181.1	404.0 0.0 296.3 15.6 9.5 338.5 158.7 109.0 1331.5 133.4 39.2 38.8 10.9 0.0 2.1 55.3 279.7	142.2 0.0 296.0 22.9 26.7 230.4 67.1 61.8 847.1 17.0 10.1 43.6 9.6 0.0 0.5 62.5 143.3	261.8 0.0 197.9 20.9 9.1 233.4 75.2 49.3 847.7 14.7 8.6 89.9 5.0 0.0 3.2 14.0 135.5	364.1 0.0 388.7 44.1 14.1 401.4 114.7 112.1 1439.2 78.8 17.3 23.0 10.3 0.0 3.3 29.5 162.0	374.1 0.0 285.8 13.9 9.0 303.1 175.1 126.9 1288.0 102.2 19.8 36.6 0.4 0.0 2.5 33.9 195.4	900.7 0.0 433.3 71.4 60.5 1088.8 507.8 375.5 3438.0 155.0 56.1 109.6 15.7 0.7 4.7 105.6 447.3	1063.9 0.0 757.4 92.0 45.9 1463.1 573.6 424.9 4420.8 218.2 42.0 108.5 44.4 0.0 3.6 78.6 495.3	1100.5 0.0 806.3 78.9 90.6 1764.1 653.8 351.5 4845.8 257.9 58.6 91.5 12.1 0.0 1.8 72.8 494.7	1377.7 0.0 893.8 83.2 79.0 1544.6 492.2 418.1 4888.7 216.5 69.2 115.5 11.2 0.0 2.0 180.2 594.6
Ducks Dabblers Mallard Am. black duck Gadwall Am. wigeon Am. green-winged teal Blue-winged teal N. shoveler N. pintail Subtotal Divers Redhead Canvasback Scaups Ring-necked duck Goldeneyes Bufflehead Ruddy Duck Subtotal Miscellaneous Long-tailed duck	354.9 0.0 294.9 40.8 28.3 553.9 118.4 149.7 1541.1 55.2 19.2 83.0 10.5 0.0 0.5 12.6 181.1	404.0 0.0 296.3 15.6 9.5 338.5 158.7 109.0 1331.5 133.4 39.2 38.8 10.9 0.0 2.1 55.3 279.7	142.2 0.0 296.0 22.9 26.7 230.4 67.1 61.8 847.1 17.0 10.1 43.6 9.6 0.0 0.5 62.5 143.3	261.8 0.0 197.9 20.9 9.1 233.4 75.2 49.3 847.7 14.7 8.6 89.9 5.0 0.0 3.2 14.0 135.5	364.1 0.0 388.7 44.1 14.1 401.4 114.7 112.1 1439.2 78.8 17.3 23.0 10.3 0.0 3.3 29.5 162.0	374.1 0.0 285.8 13.9 9.0 303.1 175.1 126.9 1288.0 102.2 19.8 36.6 0.4 0.0 2.5 33.9 195.4	900.7 0.0 433.3 71.4 60.5 1088.8 507.8 375.5 3438.0 155.0 56.1 109.6 15.7 0.7 4.7 105.6 447.3	1063.9 0.0 757.4 92.0 45.9 1463.1 573.6 424.9 4420.8 218.2 42.0 108.5 44.4 0.0 3.6 78.6 495.3	1100.5 0.0 806.3 78.9 90.6 1764.1 653.8 351.5 4845.8 257.9 58.6 91.5 12.1 0.0 1.8 72.8 494.7	1377.7 0.0 893.8 83.2 79.0 1544.6 492.2 418.1 4888.7 216.5 69.2 115.5 11.2 0.0 2.0 180.2 594.6
Ducks Dabblers Mallard Am. black duck Gadwall Am. wigeon Am. green-winged teal Blue-winged teal N. shoveler N. pintail Subtotal Divers Redhead Canvasback Scaups Ring-necked duck Goldeneyes Bufflehead Ruddy Duck Subtotal Miscellaneous Long-tailed duck Eiders	354.9 0.0 294.9 40.8 28.3 553.9 118.4 149.7 1541.1 55.2 19.2 83.0 10.5 0.0 0.5 12.6 181.1	404.0 0.0 296.3 15.6 9.5 338.5 158.7 109.0 1331.5 133.4 39.2 38.8 10.9 0.0 2.1 55.3 279.7	142.2 0.0 296.0 22.9 26.7 230.4 67.1 61.8 847.1 17.0 10.1 43.6 9.6 0.0 0.5 62.5 143.3	261.8 0.0 197.9 20.9 9.1 233.4 75.2 49.3 847.7 14.7 8.6 89.9 5.0 0.0 3.2 14.0 135.5	364.1 0.0 388.7 44.1 14.1 401.4 114.7 112.1 1439.2 78.8 17.3 23.0 10.3 0.0 3.3 29.5 162.0 0.0 0.0	374.1 0.0 285.8 13.9 9.0 303.1 175.1 126.9 1288.0 102.2 19.8 36.6 0.4 0.0 2.5 33.9 195.4	900.7 0.0 433.3 71.4 60.5 1088.8 507.8 375.5 3438.0 155.0 56.1 109.6 15.7 0.7 4.7 105.6 447.3	1063.9 0.0 757.4 92.0 45.9 1463.1 573.6 424.9 4420.8 218.2 42.0 108.5 44.4 0.0 3.6 78.6 495.3	1100.5 0.0 806.3 78.9 90.6 1764.1 653.8 351.5 4845.8 257.9 58.6 91.5 12.1 0.0 1.8 72.8 494.7	1377.7 0.0 893.8 83.2 79.0 1544.6 492.2 418.1 4888.7 216.5 69.2 115.5 11.2 0.0 2.0 180.2 594.6 0.0 0.0
Ducks Dabblers Mallard Am. black duck Gadwall Am. wigeon Am. green-winged teal Blue-winged teal N. shoveler N. pintail Subtotal Divers Redhead Canvasback Scaups Ring-necked duck Goldeneyes Bufflehead Ruddy Duck Subtotal Miscellaneous Long-tailed duck Eiders Scoters	354.9 0.0 294.9 40.8 28.3 553.9 118.4 149.7 1541.1 55.2 19.2 83.0 10.5 0.0 0.5 12.6 181.1	404.0 0.0 296.3 15.6 9.5 338.5 158.7 109.0 1331.5 133.4 39.2 38.8 10.9 0.0 2.1 55.3 279.7 0.0 0.0 0.0	142.2 0.0 296.0 22.9 26.7 230.4 67.1 61.8 847.1 17.0 10.1 43.6 9.6 0.0 0.5 62.5 143.3 0.0 0.0	261.8 0.0 197.9 20.9 9.1 233.4 75.2 49.3 847.7 14.7 8.6 89.9 5.0 0.0 3.2 14.0 135.5	364.1 0.0 388.7 44.1 14.1 401.4 114.7 112.1 1439.2 78.8 17.3 23.0 10.3 0.0 3.3 29.5 162.0 0.0 0.0 0.0	374.1 0.0 285.8 13.9 9.0 303.1 175.1 126.9 1288.0 102.2 19.8 36.6 0.4 0.0 2.5 33.9 195.4 0.0 0.0	900.7 0.0 433.3 71.4 60.5 1088.8 507.8 375.5 3438.0 155.0 56.1 109.6 15.7 0.7 4.7 105.6 447.3	1063.9 0.0 757.4 92.0 45.9 1463.1 573.6 424.9 4420.8 218.2 42.0 108.5 44.4 0.0 3.6 78.6 495.3	1100.5 0.0 806.3 78.9 90.6 1764.1 653.8 351.5 4845.8 257.9 58.6 91.5 12.1 0.0 1.8 72.8 494.7 0.0 0.0 0.0	1377.7 0.0 893.8 83.2 79.0 1544.6 492.2 418.1 4888.7 216.5 69.2 115.5 11.2 0.0 2.0 180.2 594.6 0.0 0.0 0.0
Ducks Dabblers Mallard Am. black duck Gadwall Am. wigeon Am. green-winged teal Blue-winged teal N. shoveler N. pintail Subtotal Divers Redhead Canvasback Scaups Ring-necked duck Goldeneyes Bufflehead Ruddy Duck Subtotal Miscellaneous Long-tailed duck Eiders Scoters Mergansers	354.9 0.0 294.9 40.8 28.3 553.9 118.4 149.7 1541.1 55.2 19.2 83.0 10.5 0.0 0.5 12.6 181.1 0.0 0.0 0.0 0.0	404.0 0.0 296.3 15.6 9.5 338.5 158.7 109.0 1331.5 133.4 39.2 38.8 10.9 0.0 2.1 55.3 279.7 0.0 0.0 0.0 0.0	142.2 0.0 296.0 22.9 26.7 230.4 67.1 61.8 847.1 17.0 10.1 43.6 9.6 0.0 0.5 62.5 143.3 0.0 0.0 0.0 4.3	261.8 0.0 197.9 20.9 9.1 233.4 75.2 49.3 847.7 14.7 8.6 89.9 5.0 0.0 3.2 14.0 135.5 0.0 0.5 3.2	364.1 0.0 388.7 44.1 14.1 401.4 114.7 112.1 1439.2 78.8 17.3 23.0 10.3 0.0 3.3 29.5 162.0 0.0 0.0 0.0 0.0	374.1 0.0 285.8 13.9 9.0 303.1 175.1 126.9 1288.0 102.2 19.8 36.6 0.4 0.0 2.5 33.9 195.4 0.0 0.0 0.0 0.0 0.0 0.0	900.7 0.0 433.3 71.4 60.5 1088.8 507.8 375.5 3438.0 155.0 56.1 109.6 15.7 0.7 4.7 105.6 447.3	1063.9 0.0 757.4 92.0 45.9 1463.1 573.6 424.9 4420.8 218.2 42.0 108.5 44.4 0.0 3.6 78.6 495.3 0.0 0.0 0.0 1.4	1100.5 0.0 806.3 78.9 90.6 1764.1 653.8 351.5 4845.8 257.9 58.6 91.5 12.1 0.0 1.8 72.8 494.7 0.0 0.0 0.0 0.0 0.3	1377.7 0.0 893.8 83.2 79.0 1544.6 492.2 418.1 4888.7 216.5 69.2 115.5 11.2 0.0 2.0 180.2 594.6 0.0 0.0 0.0 0.9
Ducks Dabblers Mallard Am. black duck Gadwall Am. wigeon Am. green-winged teal Blue-winged teal N. shoveler N. pintail Subtotal Divers Redhead Canvasback Scaups Ring-necked duck Goldeneyes Bufflehead Ruddy Duck Subtotal Miscellaneous Long-tailed duck Eiders Scoters Mergansers Subtotal	354.9 0.0 294.9 40.8 28.3 553.9 118.4 149.7 1541.1 55.2 19.2 83.0 10.5 0.0 0.5 12.6 181.1 0.0 0.0 0.0 0.0 0.0	404.0 0.0 296.3 15.6 9.5 338.5 158.7 109.0 1331.5 133.4 39.2 38.8 10.9 0.0 2.1 55.3 279.7 0.0 0.0 0.0 0.7 0.7	142.2 0.0 296.0 22.9 26.7 230.4 67.1 61.8 847.1 17.0 10.1 43.6 9.6 0.0 0.5 62.5 143.3 0.0 0.0 4.3 4.3	261.8 0.0 197.9 20.9 9.1 233.4 75.2 49.3 847.7 14.7 8.6 89.9 5.0 0.0 3.2 14.0 135.5 0.0 0.5 3.2 3.7	364.1 0.0 388.7 44.1 14.1 401.4 114.7 112.1 1439.2 78.8 17.3 23.0 10.3 0.0 3.3 29.5 162.0 0.0 0.0 0.0 0.0 0.0	374.1 0.0 285.8 13.9 9.0 303.1 175.1 126.9 1288.0 102.2 19.8 36.6 0.4 0.0 2.5 33.9 195.4 0.0 0.0 0.0 0.0 0.0 0.3 0.3	900.7 0.0 433.3 71.4 60.5 1088.8 507.8 375.5 3438.0 155.0 56.1 109.6 15.7 0.7 4.7 105.6 447.3 0.0 0.0 0.0 0.0 0.5 0.5	1063.9 0.0 757.4 92.0 45.9 1463.1 573.6 424.9 4420.8 218.2 42.0 108.5 44.4 0.0 3.6 78.6 495.3 0.0 0.0 0.0 1.4 1.4	1100.5 0.0 806.3 78.9 90.6 1764.1 653.8 351.5 4845.8 257.9 58.6 91.5 12.1 0.0 1.8 72.8 494.7 0.0 0.0 0.0 0.0 0.3 0.3	1377.7 0.0 893.8 83.2 79.0 1544.6 492.2 418.1 4888.7 216.5 69.2 115.5 11.2 0.0 2.0 180.2 594.6 0.0 0.0 0.0 0.9 0.9
Ducks Dabblers Mallard Am. black duck Gadwall Am. wigeon Am. green-winged teal Blue-winged teal N. shoveler N. pintail Subtotal Divers Redhead Canvasback Scaups Ring-necked duck Goldeneyes Bufflehead Ruddy Duck Subtotal Miscellaneous Long-tailed duck Eiders Scoters Mergansers Subtotal Total Ducks	354.9 0.0 294.9 40.8 28.3 553.9 118.4 149.7 1541.1 55.2 19.2 83.0 10.5 0.0 0.5 12.6 181.1 0.0 0.0 0.0 0.0 0.0 1722.2	404.0 0.0 296.3 15.6 9.5 338.5 158.7 109.0 1331.5 133.4 39.2 38.8 10.9 0.0 2.1 55.3 279.7 0.0 0.0 0.7 0.7 1611.9	142.2 0.0 296.0 22.9 26.7 230.4 67.1 61.8 847.1 17.0 10.1 43.6 9.6 0.0 0.5 62.5 143.3 0.0 0.0 4.3 4.3 994.7	261.8 0.0 197.9 20.9 9.1 233.4 75.2 49.3 847.7 14.7 8.6 89.9 5.0 0.0 3.2 14.0 135.5 0.0 0.5 3.2 3.7 986.9	364.1 0.0 388.7 44.1 14.1 401.4 114.7 112.1 1439.2 78.8 17.3 23.0 10.3 0.0 3.3 29.5 162.0 0.0 0.0 0.0 0.0 0.0 1601.3	374.1 0.0 285.8 13.9 9.0 303.1 175.1 126.9 1288.0 102.2 19.8 36.6 0.4 0.0 2.5 33.9 195.4 0.0 0.0 0.0 0.3 0.3 1483.7	900.7 0.0 433.3 71.4 60.5 1088.8 507.8 375.5 3438.0 155.0 56.1 109.6 15.7 0.7 4.7 105.6 447.3 0.0 0.0 0.0 0.5 0.5 3885.8	1063.9 0.0 757.4 92.0 45.9 1463.1 573.6 424.9 4420.8 218.2 42.0 108.5 44.4 0.0 3.6 78.6 495.3 0.0 0.0 0.0 1.4 1.4 4917.5	1100.5 0.0 806.3 78.9 90.6 1764.1 653.8 351.5 4845.8 257.9 58.6 91.5 12.1 0.0 1.8 72.8 494.7 0.0 0.0 0.0 0.0 0.3 0.3 5340.8	1377.7 0.0 893.8 83.2 79.0 1544.6 492.2 418.1 4888.7 216.5 69.2 115.5 11.2 0.0 2.0 180.2 594.6 0.0 0.0 0.0 0.9 0.9 5484.3
Ducks Dabblers Mallard Am. black duck Gadwall Am. wigeon Am. green-winged teal Blue-winged teal N. shoveler N. pintail Subtotal Divers Redhead Canvasback Scaups Ring-necked duck Goldeneyes Bufflehead Ruddy Duck Subtotal Miscellaneous Long-tailed duck Eiders Scoters Mergansers Subtotal Total Ducks Canada Goose	354.9 0.0 294.9 40.8 28.3 553.9 118.4 149.7 1541.1 55.2 19.2 83.0 10.5 0.0 0.5 12.6 181.1 0.0 0.0 0.0 0.0 1722.2 18.0	404.0 0.0 296.3 15.6 9.5 338.5 158.7 109.0 1331.5 133.4 39.2 38.8 10.9 0.0 2.1 55.3 279.7 0.0 0.0 0.7 0.7 1611.9 34.9	142.2 0.0 296.0 22.9 26.7 230.4 67.1 61.8 847.1 17.0 10.1 43.6 9.6 0.0 0.5 62.5 143.3 0.0 0.0 0.0 4.3 4.3 994.7 26.6	261.8 0.0 197.9 20.9 9.1 233.4 75.2 49.3 847.7 14.7 8.6 89.9 5.0 0.0 3.2 14.0 135.5 0.0 0.5 3.2 3.7 986.9 18.0	364.1 0.0 388.7 44.1 14.1 401.4 114.7 112.1 1439.2 78.8 17.3 23.0 10.3 0.0 3.3 29.5 162.0 0.0 0.0 0.0 0.0 0.0 1601.3 32.1	374.1 0.0 285.8 13.9 9.0 303.1 175.1 126.9 1288.0 102.2 19.8 36.6 0.4 0.0 2.5 33.9 195.4 0.0 0.0 0.0 0.3 0.3 1483.7 21.2	900.7 0.0 433.3 71.4 60.5 1088.8 507.8 375.5 3438.0 155.0 56.1 109.6 15.7 0.7 4.7 105.6 447.3 0.0 0.0 0.0 0.0 5.5 3885.8 40.9	1063.9 0.0 757.4 92.0 45.9 1463.1 573.6 424.9 4420.8 218.2 42.0 108.5 44.4 0.0 3.6 78.6 495.3 0.0 0.0 0.0 1.4 1.4 4917.5 55.5	1100.5 0.0 806.3 78.9 90.6 1764.1 653.8 351.5 4845.8 257.9 58.6 91.5 12.1 0.0 1.8 72.8 494.7 0.0 0.0 0.0 0.0 0.3 0.3 5340.8 51.8	1377.7 0.0 893.8 83.2 79.0 1544.6 492.2 418.1 4888.7 216.5 69.2 115.5 11.2 0.0 2.0 180.2 594.6 0.0 0.0 0.0 0.9 0.9 5484.3 69.5
Ducks Dabblers Mallard Am. black duck Gadwall Am. wigeon Am. green-winged teal Blue-winged teal N. shoveler N. pintail Subtotal Divers Redhead Canvasback Scaups Ring-necked duck Goldeneyes Bufflehead Ruddy Duck Subtotal Miscellaneous Long-tailed duck Eiders Scoters Mergansers Subtotal Total Ducks	354.9 0.0 294.9 40.8 28.3 553.9 118.4 149.7 1541.1 55.2 19.2 83.0 10.5 0.0 0.5 12.6 181.1 0.0 0.0 0.0 0.0 0.0 1722.2	404.0 0.0 296.3 15.6 9.5 338.5 158.7 109.0 1331.5 133.4 39.2 38.8 10.9 0.0 2.1 55.3 279.7 0.0 0.0 0.7 0.7 1611.9	142.2 0.0 296.0 22.9 26.7 230.4 67.1 61.8 847.1 17.0 10.1 43.6 9.6 0.0 0.5 62.5 143.3 0.0 0.0 4.3 4.3 994.7	261.8 0.0 197.9 20.9 9.1 233.4 75.2 49.3 847.7 14.7 8.6 89.9 5.0 0.0 3.2 14.0 135.5 0.0 0.5 3.2 3.7 986.9	364.1 0.0 388.7 44.1 14.1 401.4 114.7 112.1 1439.2 78.8 17.3 23.0 10.3 0.0 3.3 29.5 162.0 0.0 0.0 0.0 0.0 0.0 1601.3	374.1 0.0 285.8 13.9 9.0 303.1 175.1 126.9 1288.0 102.2 19.8 36.6 0.4 0.0 2.5 33.9 195.4 0.0 0.0 0.0 0.3 0.3 1483.7	900.7 0.0 433.3 71.4 60.5 1088.8 507.8 375.5 3438.0 155.0 56.1 109.6 15.7 0.7 4.7 105.6 447.3 0.0 0.0 0.0 0.5 0.5 3885.8	1063.9 0.0 757.4 92.0 45.9 1463.1 573.6 424.9 4420.8 218.2 42.0 108.5 44.4 0.0 3.6 78.6 495.3 0.0 0.0 0.0 1.4 1.4 4917.5	1100.5 0.0 806.3 78.9 90.6 1764.1 653.8 351.5 4845.8 257.9 58.6 91.5 12.1 0.0 1.8 72.8 494.7 0.0 0.0 0.0 0.0 0.3 0.3 5340.8	1377.7 0.0 893.8 83.2 79.0 1544.6 492.2 418.1 4888.7 216.5 69.2 115.5 11.2 0.0 2.0 180.2 594.6 0.0 0.0 0.0 0.9 0.9 5484.3

Appendix 2 (continued). Long-term trend in adjusted waterfowl breeding population estimates (thousands) in North Dakota.

Species/Ponds	1998	1999	2000	2001	2002	2003	2004	2005	2006	
Ducks										
Dabblers										
Mallard	1267.7	1490.9	1482.8	1484.3	1247.7	1051.1	1152.9	1070.8	1247.5	
Am. black duck	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	
Gadwall	932.9	918.4	1236.3	780.3	691.5	597.4	846.2	522.4	496.1	
Am. wigeon	101.0	69.1	98.0	82.5	87.5	66.3	56.2	65.3	67.8	
Am. green-winged teal	48.4	55.5	44.4	44.7	66.3	39.1	99.6	40.6	62.0	
Blue-winged teal	1734.6	2068.0	2848.5	1688.7	1338.3	1327.1	1096.3	953.0	1082.2	
N. shoveler	360.6	535.0	647.0	682.5	378.8	321.5	350.8	429.4	350.2	
N. pintail	281.2	459.1	262.8	377.0	227.7	116.1	237.1	212.8	215.8	
Subtotal	4726.4	5596.1	6619.8	5140.0	4037.9	3518.6	3839.1	3294.7	3521.5	
Divers										
Redhead	327.6	259.8	306.1	226.4	143.5	96.4	161.3	103.9	114.3	
Canvasback	49.4	42.3	20.8	66.5	32.5	20.0	37.5	27.9	28.4	
Scaups	148.0	120.8	178.2	130.3	136.8	140.7	232.1	105.0	119.6	
Ring-necked duck	7.0	20.6	6.2	13.3	22.8	10.6	2.5	9.6	5.7	
Goldeneyes	0.0	0.0	1.3	0.0	0.0	0.0	0.0	0.0	0.0	
Bufflehead	1.1	0.3	3.2	5.2	2.4	2.5	0.6	0.3	1.6	
Ruddy Duck	143.3	217.3	212.3	185.0	192.6	81.5	176.7	138.1	139.7	
Subtotal	676.4	661.0	728.1	626.7	530.5	351.8	610.7	384.6	409.3	
Miscellaneous										
Long-tailed duck	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Eiders	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Scoters	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Mergansers	0.5	0.7	7.5	0.7	0.0	0.0	0.3	0.9	0.0	
Subtotal	0.5	0.7	7.5	0.7	0.0	0.0	0.3	0.9	0.0	
Total Ducks	5403.3	6257.9	7355.4	5767.4	4568.4	3870.4	4450.1	3680.3	3930.8	
Canada Goose	76.5	104.5	161.6	184.1	122.9	175.3	183.8	239.8	232.6	
Am. coot	767.9	889.9	912.6	319.6	437.9	77.9	525.8	84.4	103.8	
Ponds	1044.8	1439.9	734.3	750.2	682.5	933.1	804.5	761.1	811.5	

